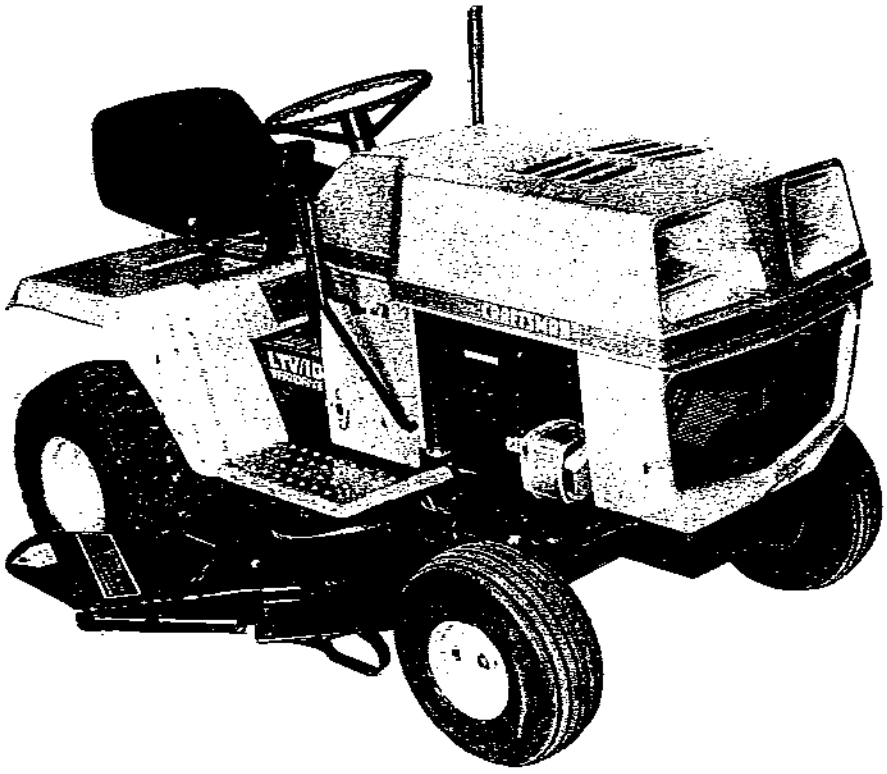
Sears

OWNERS MANUAL

MODEL NO.
917.252631

Caution:
Read Rules for Safe Operation and Instructions Carefully



LTV 10 VARIDRIVE LAWN TRACTOR

Assembly
Installation
Operation
Repair Parts

Sears, Roebuck and Co., Chicago, Ill. 60684, U.S.A.

CAUTION: DO NOT OPERATE VARIDRIVE CONTROL (FIG. 9) UNLESS ENGINE IS RUNNING. TRANSAXLE DAMAGE MAY RESULT.

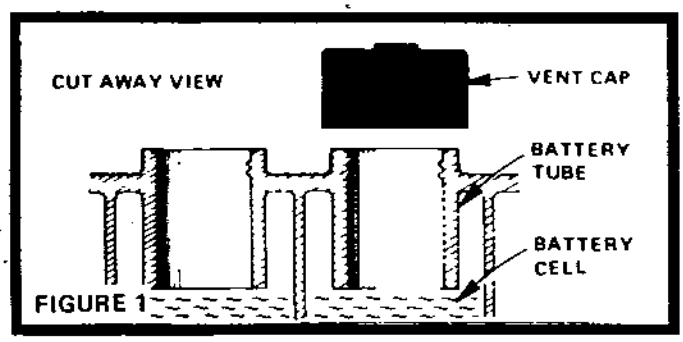


FIGURE 1

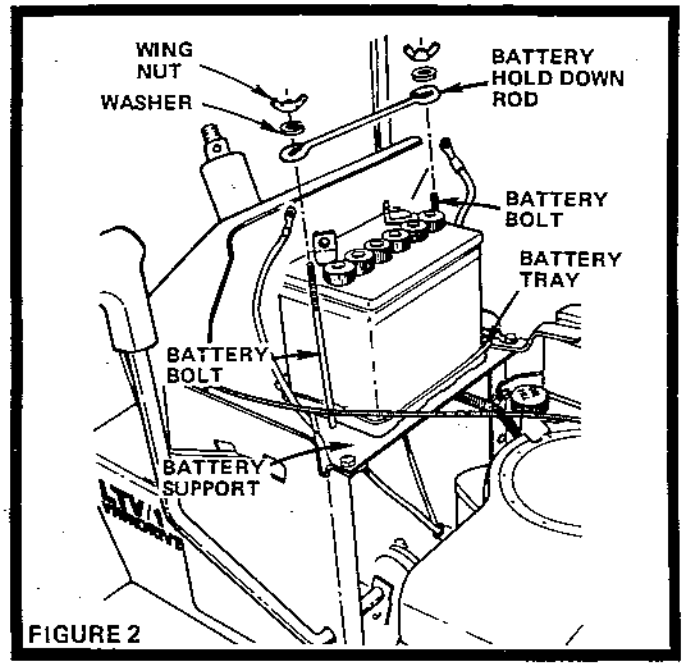


FIGURE 2

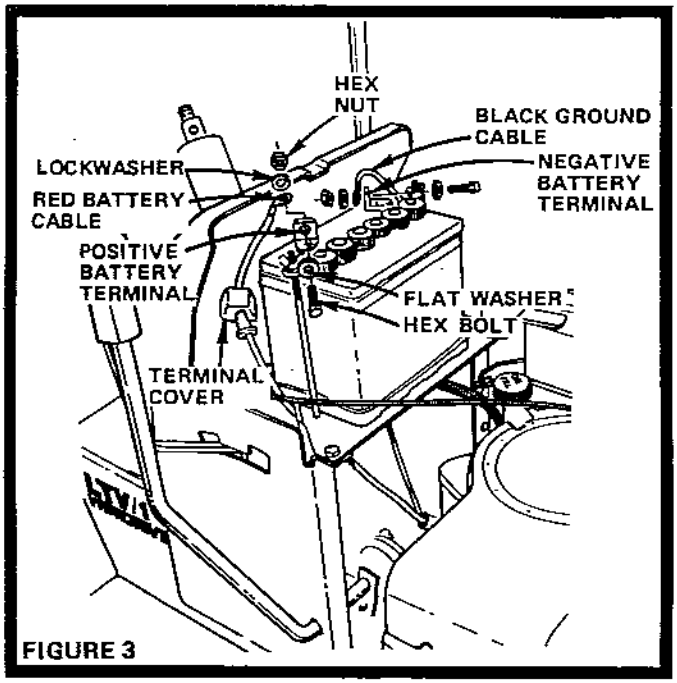


FIGURE 3

To assemble your Tractor you will need:

one 3/4" socket wrench and two 7/16" wrenches

NOTE: RIGHT HAND (R.H.) AND LEFT HAND (L.H.) ARE DETERMINED FROM OPERATOR'S POSITION WHILE SEATED ON THE TRACTOR.

ASSEMBLY

1. Remove Shipping Strap Banding, Battery, Steering Wheel and Bag of Parts.
2. Fill and charge Battery (BEFORE INSTALLING ON TRACTOR).

WEAR EYE AND FACE SHIELD.

a. Battery Electrolyte: SEE DETAILED INSTRUCTIONS PACKAGED WITH BATTERY.
b. Fill Battery with electrolyte to bottoms of tubes in cells (Fig. 1). NOTE: DO NOT OVERFILL. (OVERFILLING WILL RESULT IN DAMAGE TO TRACTOR).

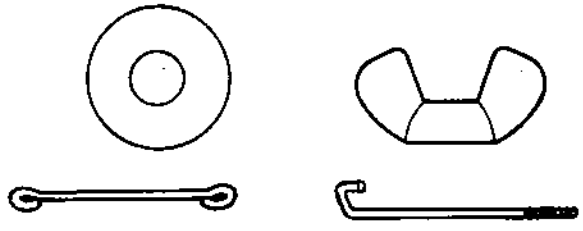
WASH HANDS OR CLOTHING IMMEDIATELY IF ACCIDENTALLY IN CONTACT WITH ELECTROLYTE.

c. Check level of electrolyte after 30 minutes. Add additional electrolyte if necessary. NOTE: TIGHTEN CAPS SECURELY.
d. Charge Battery at a rate not exceeding three amperes for about two and one half hours.

DO NOT SMOKE. FUMES FROM CHARGED ELECTROLYTE ARE EXPLOSIVE.

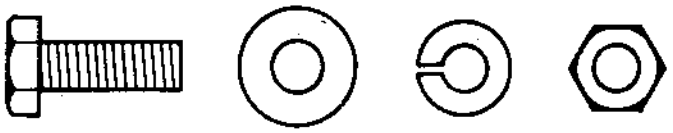
e. Neutralize excess electrolyte for disposal by adding it to four inches of water in a five gallon plastic container. Stir with a wooden or plastic paddle while adding baking soda until the addition of more soda causes no more foaming.

3. Install Battery using: two Flat Washers, two Wing Nuts (shown full size below) and



two Battery Bolts and Battery Hold Down Rod found in Bag of Parts.
a. Remove tape from plastic Battery Tray. Hook one Battery Bolt into slot in the one side of the Battery Support (Fig. 2).
b. Place Battery in Battery Tray (Battery Terminals to inside) (Fig. 3).
c. Fasten Battery to installed Battery Bolt with the Battery Hold Down Rod, Washer and Wing Nut (Fig. 2).
d. Hook remaining Battery Bolt to other side of Battery Support and fasten Battery Hold Down Rod to it with remaining Flat Washer, and Wing Nut. Tighten Wing Nuts securely by hand (Fig. 3).

4. Connect Battery Cables using: two Hex Bolts, two Flat Washers, two Lockwashers and two Hex Nuts (shown full size below) and a Terminal Cover found in Bag of Parts.



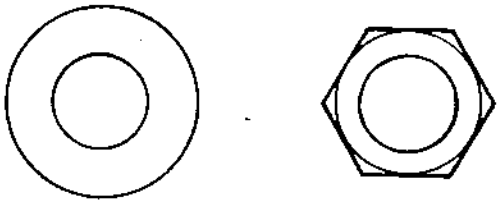
a. Position Terminal Cover over RED Battery Cable (Fig. 4).

POSITIVE TERMINAL MUST BE CONNECTED FIRST TO PREVENT SPARKS FROM ACCIDENTAL GROUNDING.

b. Connect RED Battery Cable to Positive (+) Battery Terminal with Hex Bolt, Flat Washer, Lockwasher and Hex Nut (Fig. 3). Form Cable in an upward position (Fig. 4) and tighten securely. Place Terminal Cover over Terminal. NOTE: PULL TERMINAL COVER FORWARD TO ENCLOSE BATTERY TERMINAL (FIG. 5).

c. Connect BLACK Ground Cable to Negative (–) Battery Terminal with remaining Hex Bolt, Flat Washer, Lockwasher, and Hex Nut. Tighten securely (Fig. 3).

5. Install Steering Wheel using Flat Washer, Hex Jam Nut (shown full size below) and



Steering Wheel Insert found in Bag of Parts.

a. Secure the Steering Wheel to Steering Shaft with Washer and Hex Jam Nut (Fig. 6). Tighten securely.

b. Install the Steering Wheel Insert.

NOTE: A SPARK ARRESTOR KIT (PAGE 31) IS AVAILABLE AS AN ACCESSORY PART FOR YOUR TRACTOR. CHECK LEGAL REQUIREMENTS IN YOUR AREA.

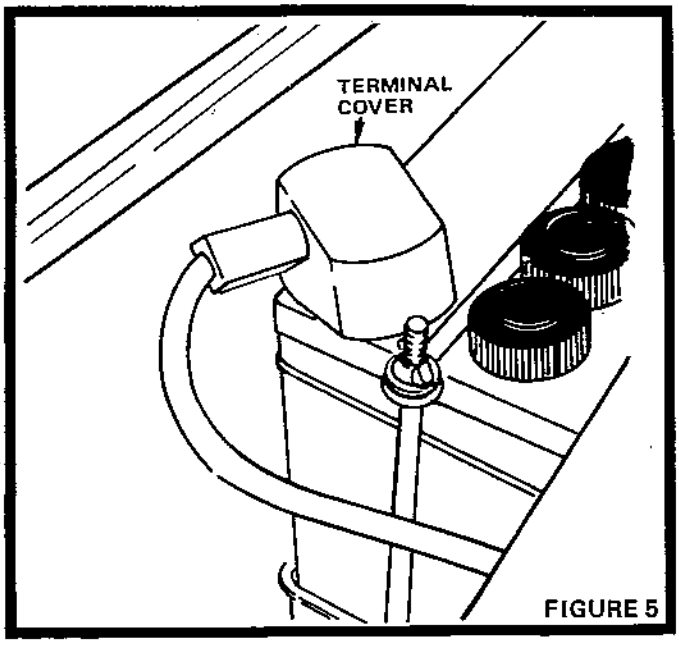


FIGURE 5

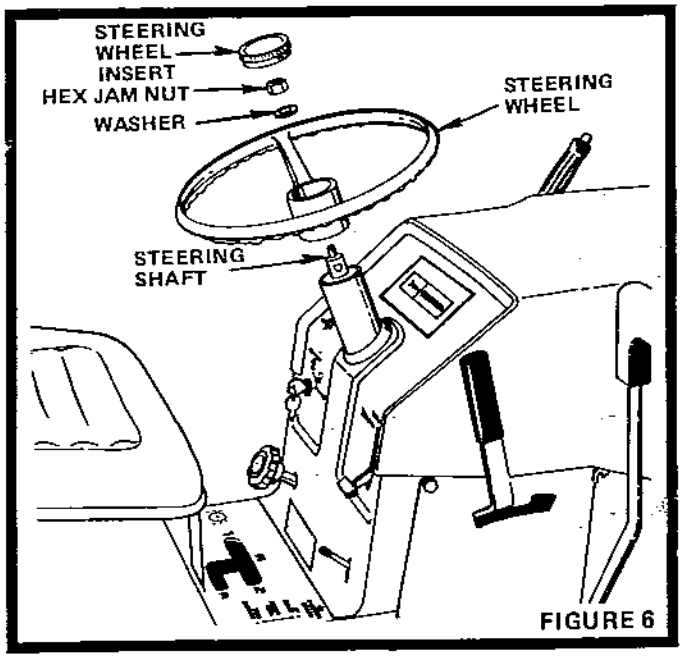


FIGURE 6

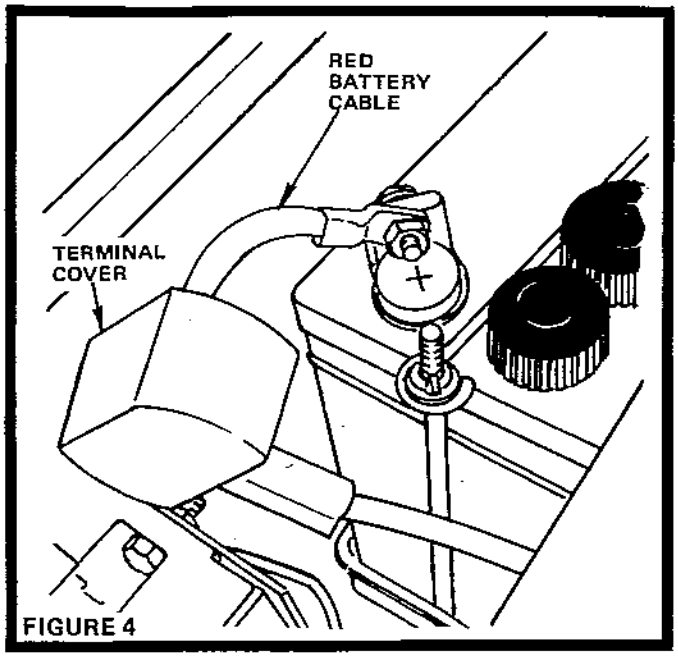


FIGURE 4

FIGURE 6A ILLUSTRATES TRACTOR WITH BATTERY AND STEERING WHEEL COMPLETELY ASSEMBLED

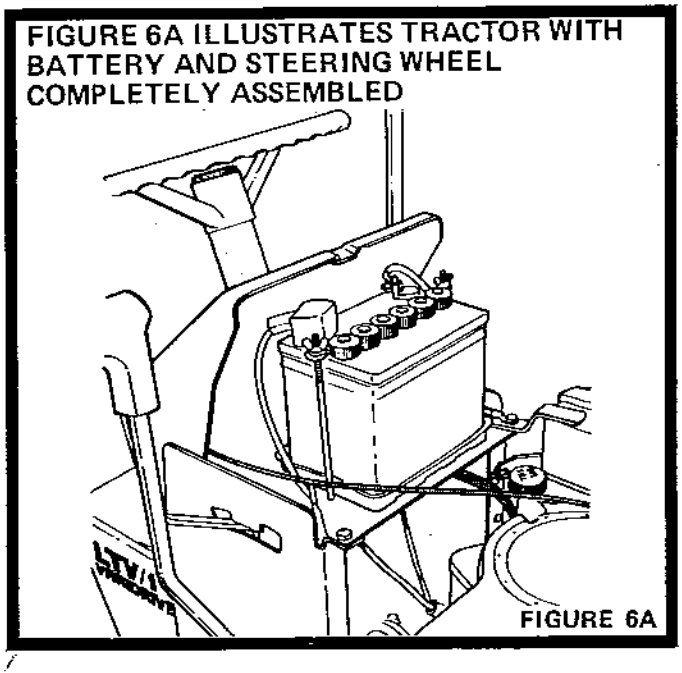


FIGURE 6A

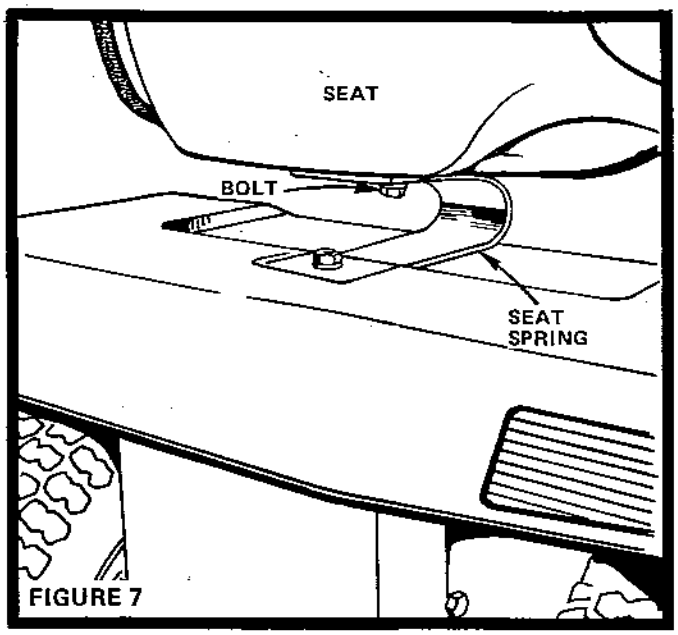


FIGURE 7

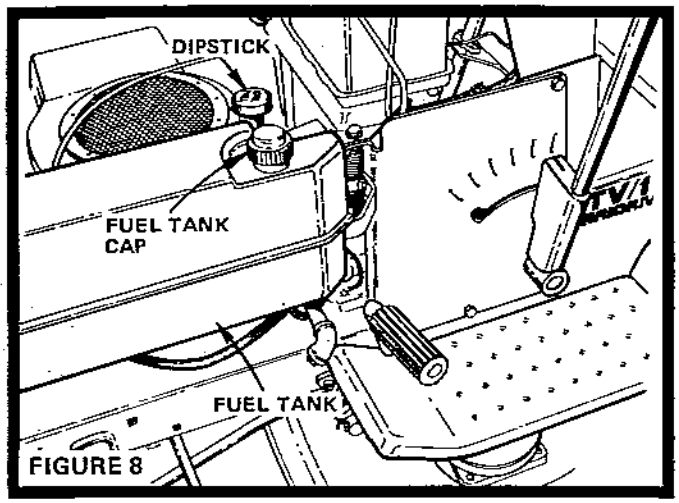


FIGURE 8

INITIAL ADJUSTMENTS

1. **REDUCE TIRE PRESSURE TO 14 POUNDS IN FRONT AND 12 POUNDS IN REAR TIRES.** (Tires were overinflated for shipping purposes).
2. Seat position should be adjusted forward or backward so that operator can comfortably reach Clutch-Brake Pedal (Fig. 11).
   a. Loosen the Bolt beneath the Seat Spring (Fig. 7). Slide the Seat forward or backward. Tighten Bolt securely.
3. Check mower adjustment page 16 and adjust if necessary.

INITIAL SERVICE

NOTE: BE CAREFUL NOT TO ALLOW DIRT TO ENTER THE ENGINE WHEN CHECKING OR ADDING OIL OR FUEL.

1. Raise Hood.
2. Check Engine Oil Level with Tractor on level ground. Remove Dipstick, wipe Dipstick (Fig. 8) clean, screw it in tight for a few seconds, remove and read Oil Level. If necessary, add Oil until "FULL" mark is reached. In summer use S.A.E. 30 (SC, SD, SE or SF) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD, SE or SF) or 10W40 (SC, SD, SE or SF). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD, SE or SF). NOTE: DO NOT OVERFILL.
3. Fill Fuel Tank (Fig. 8) with fresh, clean regular grade leaded or low-lead automotive gasoline only. Capacity is 1.5 gallons. NOTE: DO NOT SWITCH FROM LEADED TO LEAD-FREE GASOLINE.

   WARNING: DO NOT USE GASOHOL. Gasohol type alcohols react with water content in the fuel and tend to form strong acids which can corrode metal parts, even eat rubber and plastics.

FILL TO BOTTOM OF GAS TANK FILLER NECK. DO NOT OVERFILL. WIPE OFF ANY SPILLED OIL OR FUEL.

OPERATION

NOTE: MOWER OPERATION IS LISTED ON PAGE 17

THIS TRACTOR IS EQUIPPED WITH INTERLOCK SWITCHES TO PREVENT STARTING OF THE TRACTOR ENGINE WHILE THE ATTACHMENT CLUTCH LEVER (FIG. 9) IS IN THE "ENGAGED" POSITION AND/OR THE GEAR SHIFT LEVER IS NOT IN "N" NEUTRAL POSITION (FIG. 9). IMMEDIATELY REPLACE SWITCHES THAT ARE NOT IN PROPER WORKING ORDER. DO NOT ATTEMPT TO DEFEAT THE PURPOSE OF THESE SWITCHES.

LEARN TO START, STOP AND REVERSE YOUR TRACTOR IN A LARGE, OPEN AREA.

CAUTION

1. Keep all shields in place.
2. Before leaving operator's position:
   a. Shift gear shift lever to neutral (Fig. 9).
   b. Set parking brake (Fig. 10).
   c. Disengage attachment clutch (Mower Blade Clutch Lever) (Fig. 9).
   d. Shut off engine.
   e. Remove ignition key.
3. Wait for all movement to stop before servicing machine.
4. Keep people and pets a safe distance away from machine.

STARTING THE TRACTOR

DO NOT OPERATE VARIDRIVE CONTROL UNLESS ENGINE IS RUNNING. TRANSAXLE DAMAGE MAY RESULT.

1. Place Attachment Clutch Lever in "DISENGAGED" position.
2. Push Clutch-Brake Pedal fully into brake position (Fig. 11).
3. Place Parking Brake in "ENGAGE" position (Fig. 10).
4. Place Gear Shift Lever in "N" neutral position (Fig. 9).
5. Move Throttle Control Lever (Fig. 10) to full throttle stop, then to the right and upward for "CHOKE" position. At the "FAST" position the Lever has a stop. The stop is provided so that you will know when you are at full throttle "FAST" position and prevent over travel into choke position.
6. Turn Ignition Key clockwise to "START" position and release Key as soon as engine starts (Fig. 10). Immediately move Throttle Control Lever mid-way between "F" and "S" positions.
   NOTE: DO NOT RUN STARTER CONTINUOUSLY FOR MORE THAN THIRTY SECONDS AT A TIME. If Engine does not start after several attempts, move Throttle Control Lever mid-way between "F" and "S" positions, wait a few minutes, and try again.

ALWAYS WEAR SUBSTANTIAL FOOTWEAR AND AVOID LOOSE FITTING CLOTHING THAT COULD GET CAUGHT IN MOVING PARTS.

WARMING UP THE ENGINE

Move Throttle Control mid-way between "F" and "S" positions (Fig. 10). As engine warms up, move Throttle Control Lever to "F" position. NOTE: ALLOW ENGINE TO WARM UP FOR A FEW MINUTES BEFORE OPERATING.

When restarting a warm engine, move Throttle Control Lever to "F" position, "CHOKE" may not have to be used.

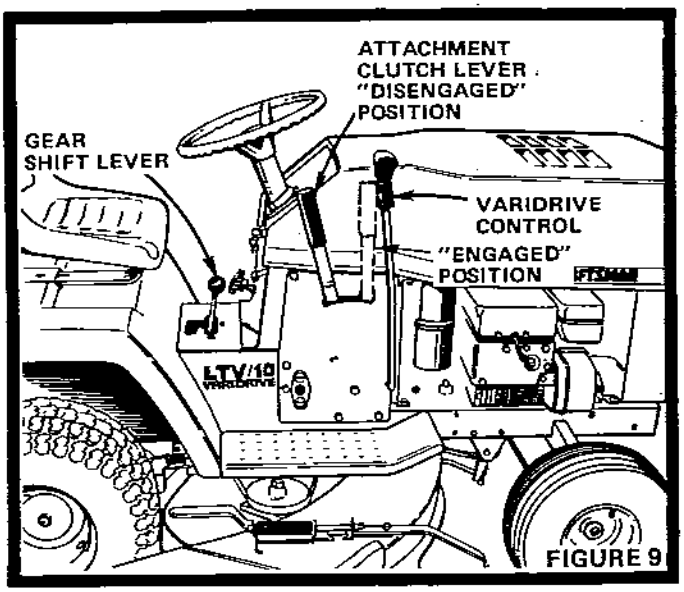


FIGURE 9

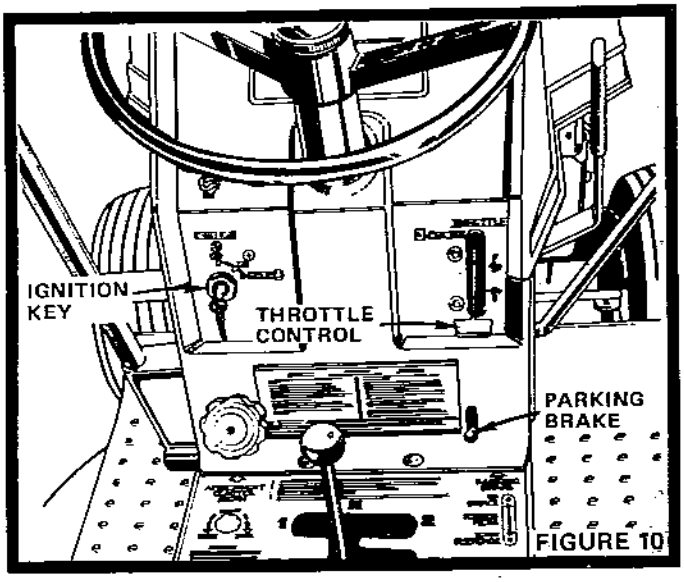


FIGURE 10

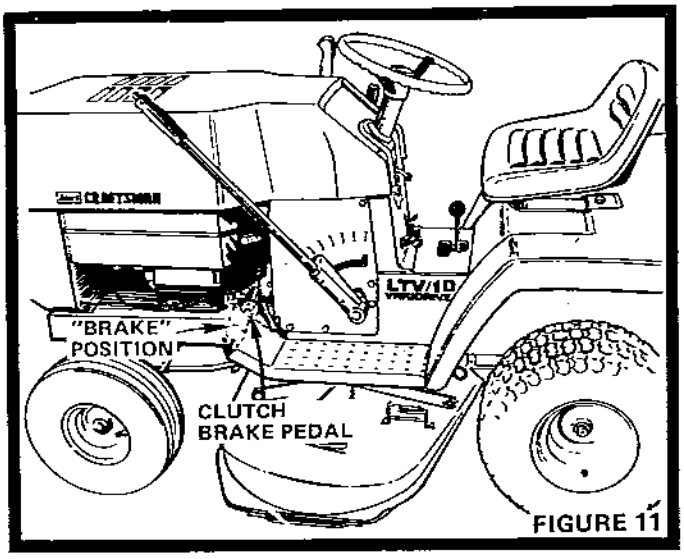


FIGURE 11

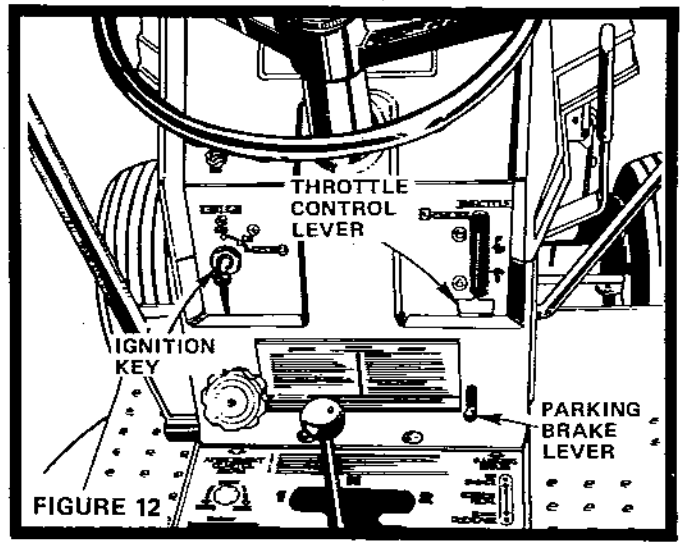


FIGURE 12

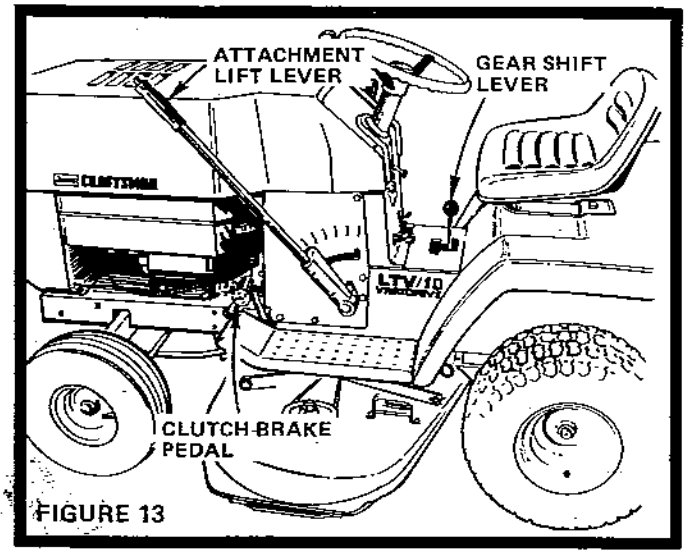


FIGURE 13

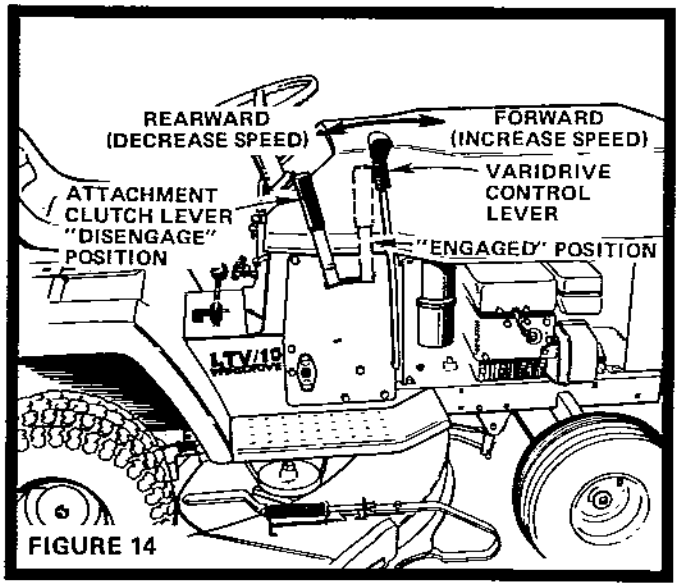


FIGURE 14

TRACTOR OPERATION

1. With engine running and warm, place Throttle Control midway between "S" and "F" positions.
2. Push Clutch-Brake Pedal (Fig. 13) down firmly to unlock Parking Brake and hold Clutch-Brake Pedal in Brake position.
3. Move Gear Shift Lever to desired gear (Fig. 13).
4. Release Clutch Brake Pedal SLOWLY to start movement.
5. Varidrive Control Lever (Fig. 14) controls ground speed in any of the selected gear ranges of the transaxle. Move Control Lever forward to increase speed, move Control Lever rearward to decrease speed. The Control Lever has a normal range of movement, DO NOT EXCEED THIS NORMAL RANGE OF MOVEMENT BY EXERTING EXCESSIVE PRESSURE ON LEVER. Varidrive Speed Control is especially valuable when load is not uniform. When engine-driven attachments are overloaded, such as with heavy lawn mowing or deep snow throwing, the ground speed may be reduced with the Control Lever to relieve the load while the attachment continues to operate at full speed.

NOTE: ALWAYS SELECT A GROUND TRAVEL SPEED THAT WILL SUIT THE TERRAIN AND THE ATTACHMENT BEING USED.

BRING TRACTOR TO COMPLETE STOP BEFORE SHIFTING GEARS.

NEVER PLACE YOUR HANDS OR FEET IN OR UNDER ANY POWERED ATTACHMENT OR NEAR ANY MOVING PART WHILE TRACTOR OR ANY POWERED ATTACHMENT IS RUNNING.

DO NOT OPERATE THE MOWER WITHOUT EITHER THE ENTIRE GRASS CATCHER, ON MOWERS SO EQUIPPED, OR THE DEFLECTOR SHIELD IN PLACE.

NOTE: ALWAYS OPERATE ENGINE AT FULL ENGINE RPM WHEN MOWING TO ASSURE BETTER MOWING PERFORMANCE, LONG ENGINE LIFE AND PROPER DISCHARGE OF CUT MATERIAL.

STOPPING YOUR TRACTOR

1. Push Clutch-Brake Pedal completely into "BRAKE" position. Raise Parking Brake Lever and hold in "ENGAGED" position (Fig. 12). Release Brake Pedal.

CLUTCH-BRAKE PEDAL SHOULD REMAIN COMPLETELY DEPRESSED WHEN FOOT PRESSURE IS RELEASED.

2. Move Gear Shift Lever to "N" position.
3. Place Attachment Clutch Lever in "DISENGAGE" position (Fig. 14) and lower attachment with Attachment Lift Lever (Fig. 13).
4. Move Throttle Control to "S" position.
5. Move Varidrive Control Lever rearward to "SLOW" position.
6. Turn Ignition Key to "OFF" position and remove Key.

REMOVE KEY WHEN LEAVING TRACTOR TO PREVENT UNAUTHORIZED USE.

MAKE SURE PARKING BRAKE WILL HOLD TRACTOR SECURE.

TRANSPORTING YOUR TRACTOR

TOWING IS NOT RECOMMENDED. Internal transaxle damage can result.

TRACTOR OPERATION ON HILLS

1. Use 1st gear BEFORE starting up or down hills.

> **DO NOT DRIVE UP OR DOWN HILLS WITH SLOPES GREATER THAN 15°, AND DO NOT DRIVE ACROSS ANY SLOPE.**

2. AVOID STOPPING OR SHIFTING ON HILLS.
   a. If slowing is necessary, move Varidrive Control Lever (Fig. 14) to slower position.

> **LEAVE ENOUGH ROOM WHEN STOPPING AND STARTING TO ALLOW SLIGHT TRACTOR ROLL DOWNHILL AS CLUTCH-BRAKE PEDAL MOVES THROUGH CLUTCH POSITION.**

   b. If stopping is absolutely necessary, push Clutch-Brake Pedal quickly to brake position and lock Parking Brake.
   c. To restart your tractor, make sure tractor is in the lowest speed range and that you have allowed room to roll slightly downhill. Unlock Parking Brake and release Clutch-Brake Pedal SLOWLY to start tractor forward movement, then move Varidrive Control Lever to desired speed.

3. Make all turns gradually.

STARTING YOUR TRACTOR WITH A LOW BATTERY

If the Battery charge is too low to start the engine, it should be recharged. If "Jumper Cables" are used for emergency starting follow this procedure: NOTE: YOUR TRACTOR IS EQUIPPED WITH A 12 VOLT NEGATIVE GROUNDED SYSTEM. THE OTHER VEHICLE MUST ALSO BE A 12 VOLT NEGATIVE GROUNDED SYSTEM.

> **LEAD-ACID BATTERIES GENERATE EXPLOSIVE GASES. KEEP SPARKS, FLAME, AND SMOKING MATERIALS AWAY FROM BATTERIES. ALWAYS WEAR EYE PROTECTION AROUND BATTERIES.**

1. Connect each end of the RED cable to the POSITIVE (+) terminals of each battery (taking care not to short against chassis).

2. Connect one end of the BLACK cable to the NEGATIVE (-) terminal of fully charged battery.

3. Connect the other end of the cable to ENGINE BLOCK or good CHASSIS GROUND on tractor (away from Gas Tank or Battery).

4. Disconnect cables in reverse order:
   a. Engine Block or chassis of tractor.
   b. Negative terminal of fully charged battery.
   c. Positive terminals.

> **DO NOT USE YOUR TRACTOR BATTERY TO START OTHER VEHICLES.**

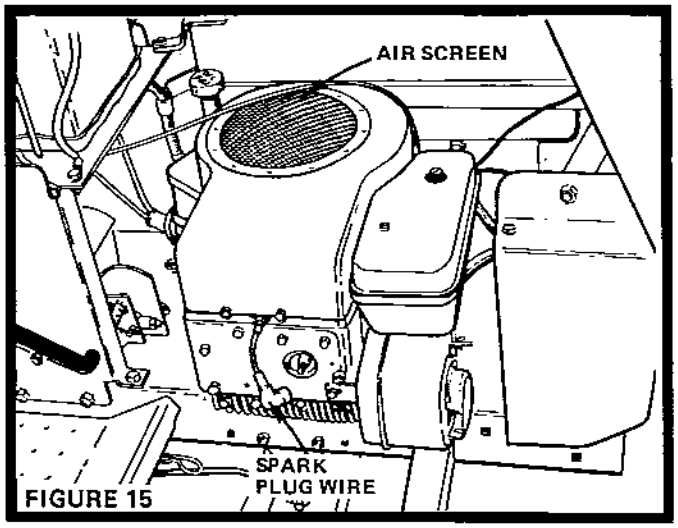


FIGURE 15

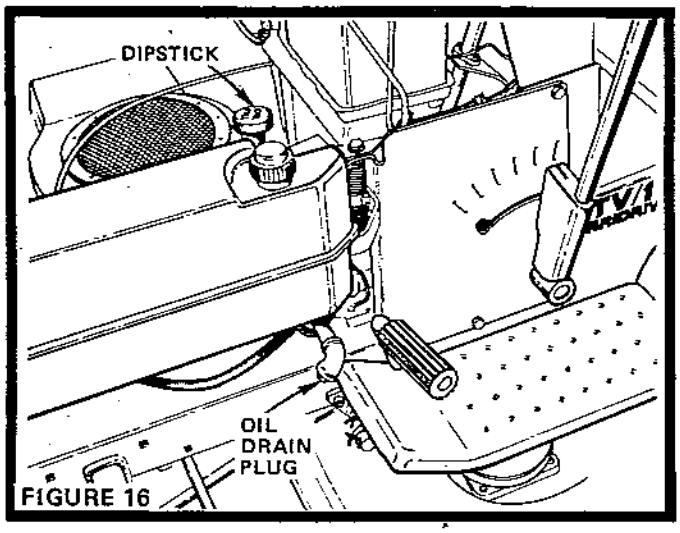


FIGURE 16

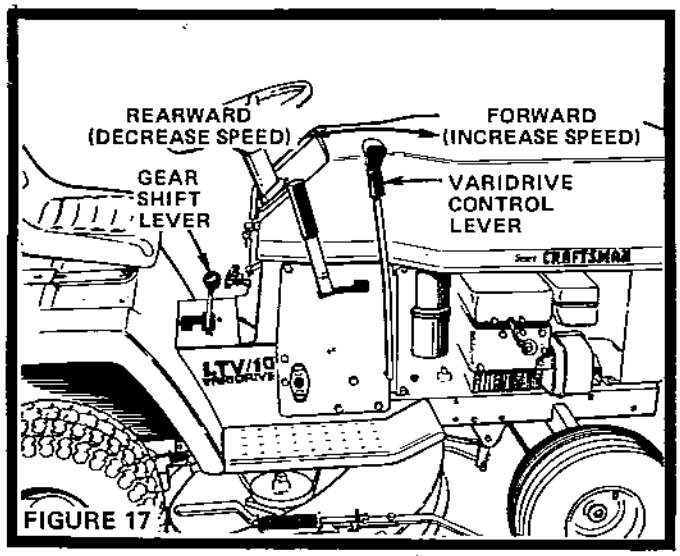


FIGURE 17

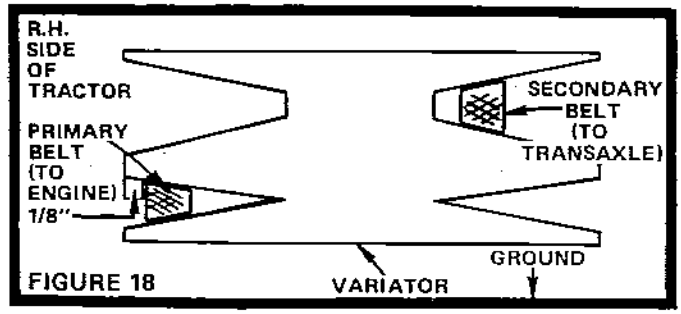


FIGURE 18

MAINTENANCE

MOWER MAINTENANCE IS LISTED ON PAGE 18.

To keep your tractor running better, longer; perform necessary service using the following Maintenance Schedule.

DISCONNECT SPARK PLUG WIRE (FIG. 15) TO PREVENT ACCIDENTAL STARTING BEFORE MAKING ANY INSPECTION, ADJUSTMENT OR REPAIR (EXCEPT CARBURETOR AND VARIDRIVE BELTS).

DAILY MAINTENANCE

Make sure all nuts on bolts are tight and cotter pins are secure. Observe all safety precautions. Keep Tractor well lubricated (refer to page 14).

FIRST 2 HOURS

1. CHANGE ENGINE OIL

Changing Oil after the first two hours will help eliminate break-in residue which might be damaging to your Engine.

NOTE: Be careful not to allow dirt to enter the Engine when changing oil.

a. Drain Oil with Engine warm. Unscrew Oil Drain Plug (Fig. 16) and remove Dipstick. Catch Oil in a suitable container. Replace Plug.
b. Refill Engine Oil. In summer use S.A.E. 30 (SC, SD, SE or SF) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD, SE or SF) or 10W40 (SC, SD, SE or SF). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD, SE or SF). Refill capacity is 3 pints. NOTE: DO NOT OVERFILL. Replace Dipstick.

2. CHECK BELT TENSION

NOTE: CHECK BELT ADJUSTMENT FREQUENTLY; NEW BELTS MAY STRETCH AFTER THE FIRST FEW HOURS OF OPERATION. PROPER BELT ADJUSTMENT LENGTHENS BELT LIFE.

a. Place Tractor on level ground and block rear wheels (front and back on both sides). Place mower in its lowest position (Fig. 37 - Inset).
b. With engine running, and Gear Shift Lever in neutral position, place Varidrive Control Lever in slow position (Fig. 17). Do not depress Clutch Brake Pedal.
c. Stop the engine and remove Spark Plug Wire to prevent accidental starting. Check the ride of the Primary Belt (Fig. 20) in the Variator (Fig. 18). If the outer edge of the Primary Belt rides deeper than 1/8" inside the edge of the Variator, adjustment is required. (See V-Belt Adjustment, page 9). If belt rides less than 1/8" of the edge of the Variator, belt adjustment tension may still be required. (Refer to V-Belt Adjustment).

3. V-BELT ADJUSTMENT

a. Stop engine and remove Spark Plug Wire. Loosen Adjustment Nut 1 turn (Fig. 19).
b. Replace Spark Plug Wire, restart engine and move Varidrive Control Lever from slow to fast; then return to slow position.
c. Recheck belt adjustment by returning to Step C under "Check Belt Tension".
d. Stop engine and remove Spark Plug Wire. Proper tension is when both belts are aproximately equal. The Secondary Belt is spring loaded and will always be properly tensioned. Compare belt tension between the Secondary and Primary Belt (Fig. 20). If the Primary Belt has less tension than the Secondary Belt make adjustment by referring to step a above. If the Primary Belt has more tension than the Secondary Belt, tighten Adjustment Nut 1/2 turn (Fig. 19).

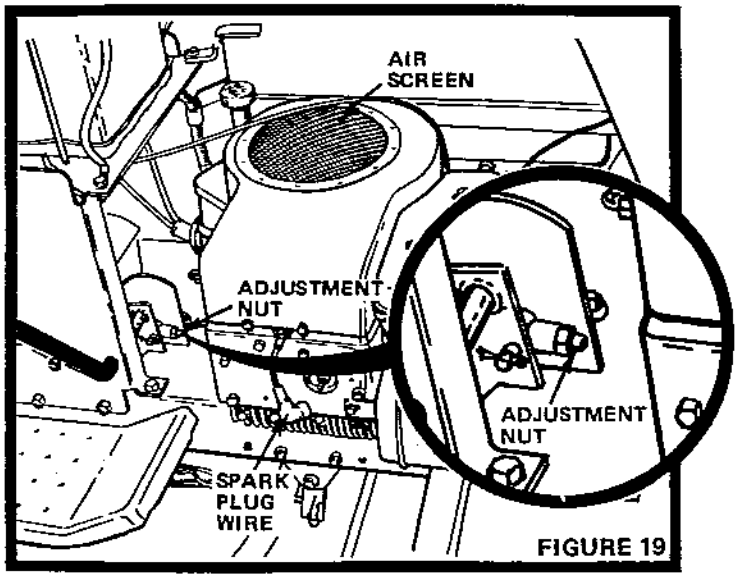


FIGURE 19

FREQUENTLY

1. CHECK BATTERY

a. Electrolyte solution level in each Battery Cell should be even with bottoms of tubes in cells (Fig. 21). Add distilled water if necessary. NOTE: DO NOT OVERFILL.
b. Keep Battery and Terminals clean. Refer to page 12.
c. Keep Battery Bolts tight.
d. Keep Vent Caps tight and small Vent holes in caps open.
e. Recharge SLOWLY at 3 amperes if necessary.

2. CHECK TIRE PRESSURE

Tire pressure in front Tires should be 14 pounds; rear Tires 12 pounds.

3. CLEAN AIR SCREEN

Air Screen (Fig. 19) must be kept free of dirt and chaff to prevent Engine damage from overheating.

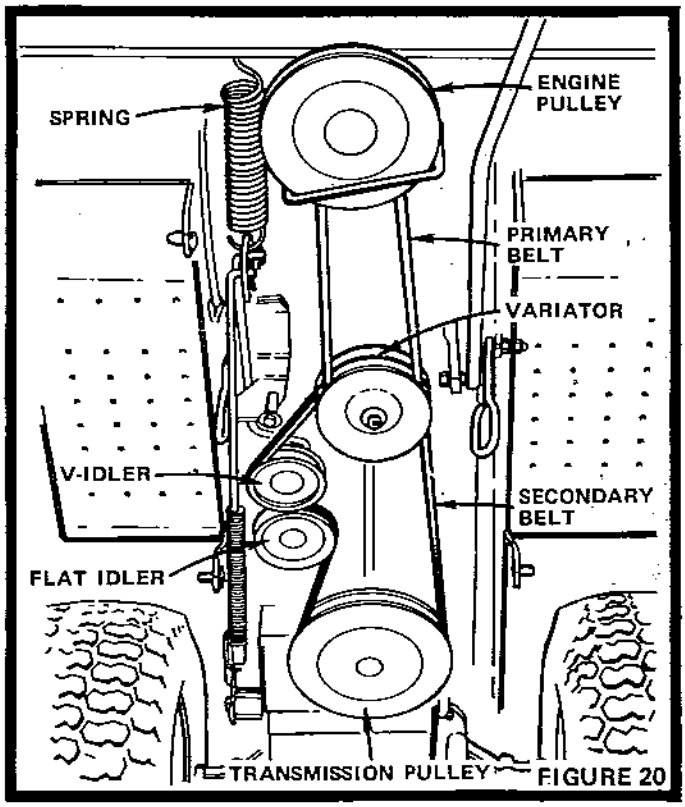


FIGURE 20

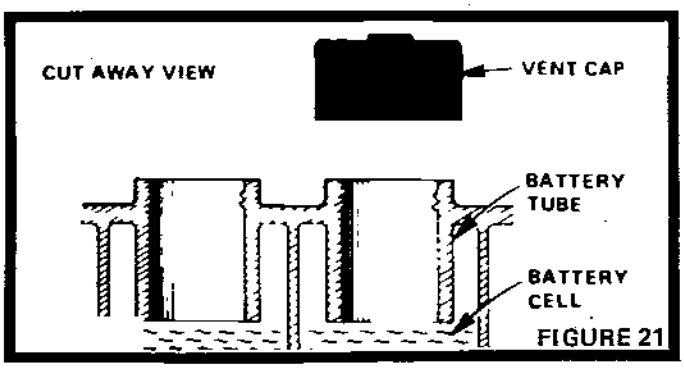


FIGURE 21

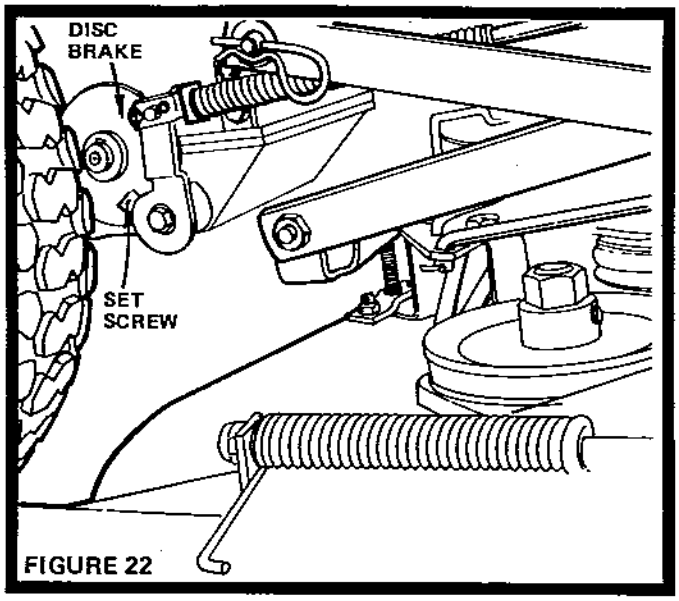


FIGURE 22

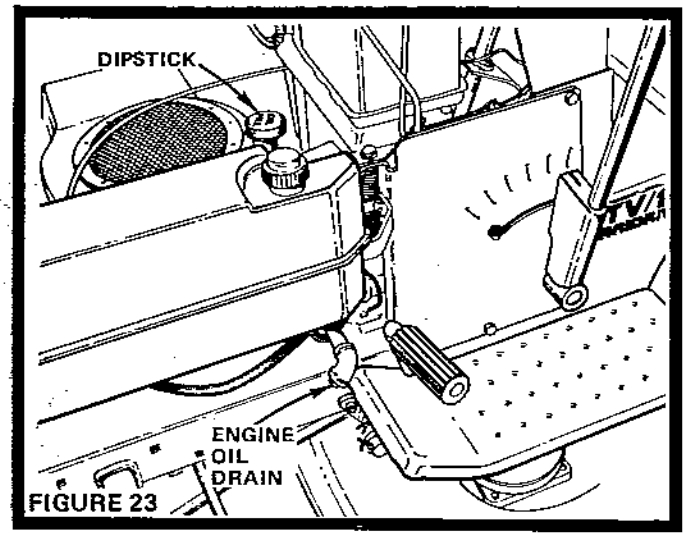


FIGURE 23

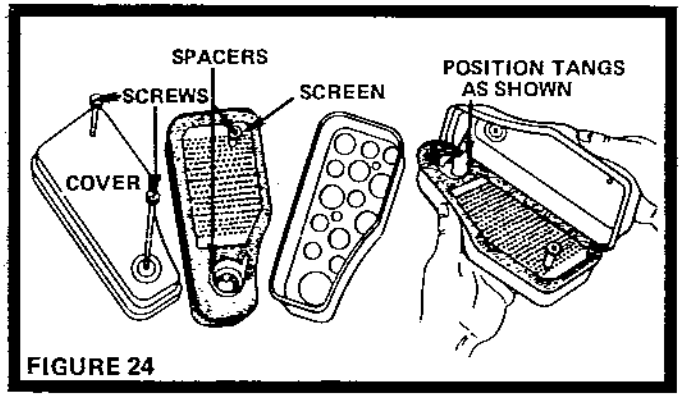


FIGURE 24

FREQUENTLY ... CONTINUED

4. CHECK BRAKE OPERATION

This tractor is equipped with an adjustable Disc Brake mounted on the right side of the transaxle (Fig. 22).

IF TRACTOR REQUIRES MORE THAN SIX FEET STOPPING DISTANCE IN HIGHEST GEAR, THEN BRAKE MUST BE ADJUSTED.

NOTE: A 5/64 INCH ALLEN SET SCREW WRENCH IS REQUIRED TO ADJUST THE BRAKE.

a. To adjust, tighten Set Screw until Disc Brake can not be moved by hand, approximately 1/4 to 1/2 turn clockwise. Now loosen Set Screw until Disc Brake is just moveable by hand (Fig. 22).
b. Road test tractor as stated above. Readjust if necessary.

EVERY 5 HOURS

CHECK ENGINE OIL LEVEL

DO NOT CHECK ENGINE OIL LEVEL WITH ENGINE RUNNING.

Several minutes after stopping Engine, check Engine Oil Level with Tractor on level ground. Remove Dipstick, wipe Dipstick clean (Fig. 23), screw it in tight for a few seconds, remove and read Oil Level. If necessary, add Oil until "FULL" mark is reached. In summer use S.A.E. 30 (SC, SD, SE or SF) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD, SE or SF) or 10W40 (SC, SD, SE or SF). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD, SE or SF). NOTE: DO NOT OVERFILL.

EVERY 25 HOURS

(EVERY 15 HOURS IF OPERATING IN VERY DUSTY CONDITIONS)

1. CLEAN AIR CLEANER ELEMENT (FIG. 24)

a. Remove two Screws and lift off complete air cleaner assembly (Fig's. 24 & 25).
b. Remove Screen and Spacers from foam element.
c. Remove foam element from air cleaner body.
d. Wash foam element in liquid detergent and water to remove dirt.
e. Wrap foam in cloth and squeeze dry.
f. Saturate foam in engine oil. Squeeze to distribute and remove excess oil.
g. Assemble parts - securely fasten to carburetor with screws.

When assembling make certain the lip of the foam element extends over edge of the air cleaner body. The foam element lip will form a protective seal.

NOTE: NEVER RUN ENGINE WITH AIR CLEANER REMOVED.

EVERY 25 HOURS . . . CONTINUED

2. CHANGE ENGINE OIL

The best time to change Engine Oil is at the end of a days operation when all dirt and foreign material is suspended in the hot Oil. Refer to Fig. 23.

EVERY 50 HOURS

1. CLEAN ENGINE COOLING SYSTEM

Grass, chaff or dirt may clog the air cooling system, especially after prolonged service cutting dry grasses. To avoid overheating and engine damage, remove the Blower Housing and clean the area shown in Fig. 25 - Inset.

> ⚠ WEAR SAFETY GLASSES IF USING COMPRESSED AIR.

2. MUFFLER

Do not operate the tractor without a Muffler (Fig. 25) or tamper with the exhaust system. Damaged Mufflers or spark arresters could create a fire hazard. Inspect periodically and replace if necessary. If your engine is equipped with a spark arrester screen assembly, remove every 50 hours for cleaning and inspection. Replace if damaged.

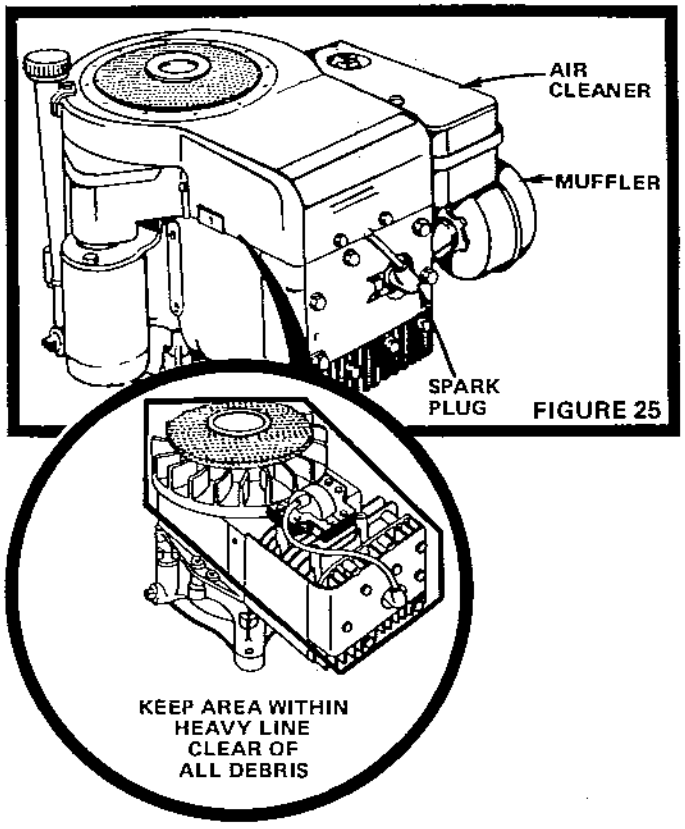


FIGURE 25

EVERY 100 HOURS

Replace Spark Plug at the beginning of each season or every 100 hours, whichever comes first. Gap should be set at .030 inch (Fig. 26).

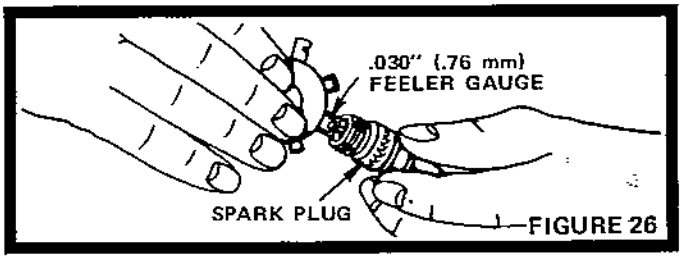


FIGURE 26

EVERY 200 HOURS

REPLACE AIR CLEANER ELEMENT

Refer to page 10. The Air Cleaner Element is listed on page 39, Key No. 4.

AS NEEDED

1. CARBURETOR ADJUSTMENT

Never attempt to change maximum engine speed. This is preset at the factory and should never be changed or increased.

a. TO ADJUST CARBURETOR - Turn Needle Valve clockwise until it just closes (Fig. 27 - Inset).

NOTE: VALVES MAY BE DAMAGED BY TURNING THEM TOO FAR.

Now open Needle Valve 1 - 1/2 turns. Close Idle Valve in same manner and open 1 - 1/4 turns. This initial adjustment will permit the engine to be started and warmed up prior to final adjustment.

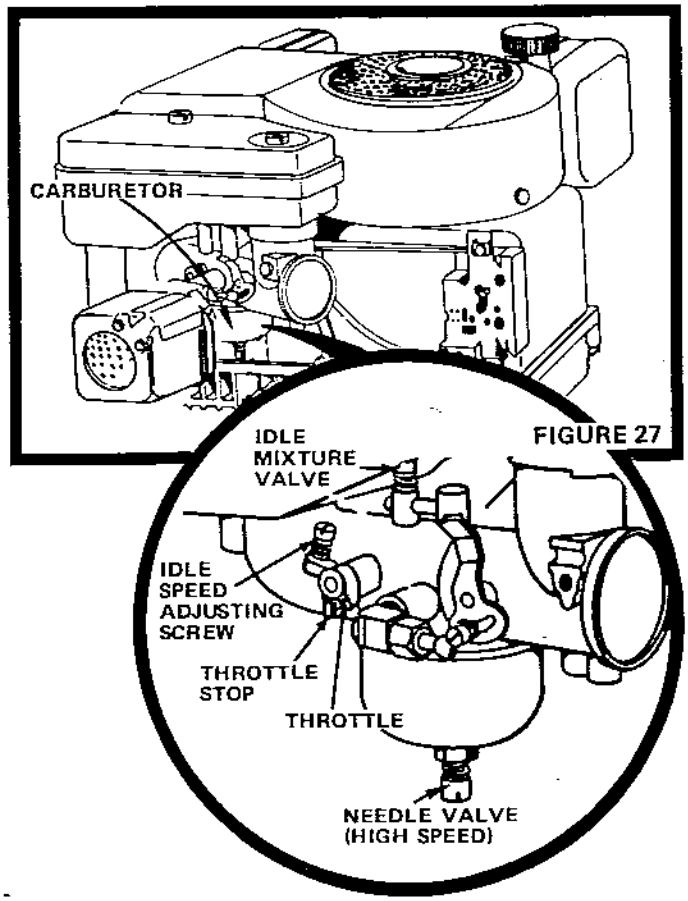


FIGURE 27

> ⚠ REFER TO "STARTING THE TRACTOR" PAGE 5.

b. FINAL ADJUSTMENT - Place throttle control in "FAST" position (Fig. 12). Turn Needle Valve in until engine slows (clockwise - lean mixture). Then turn it out past smooth operating point (rich mixture). Now turn Needle Valve to midpoint between rich and lean. Next adjust idle RPM. Rotate Throttle counterclockwise and hold against Stop. Adjust Idle Speed Adjusting Screw to obtain 1750 RPM. Holding Throttle against Idle Stop, turn Idle Mixture Valve in (lean) and out (rich). Set at midpoint between rich and lean. Re-check idle RPM. Release throttle. If engine will not accelerate properly, the carburetor should be re-adjusted, usually to a slightly richer mixture.

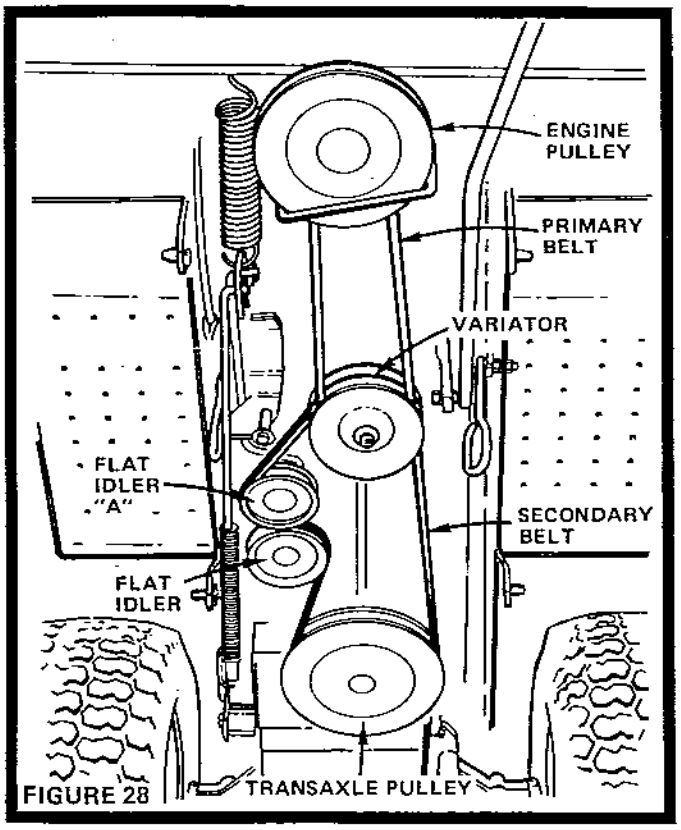


FIGURE 28

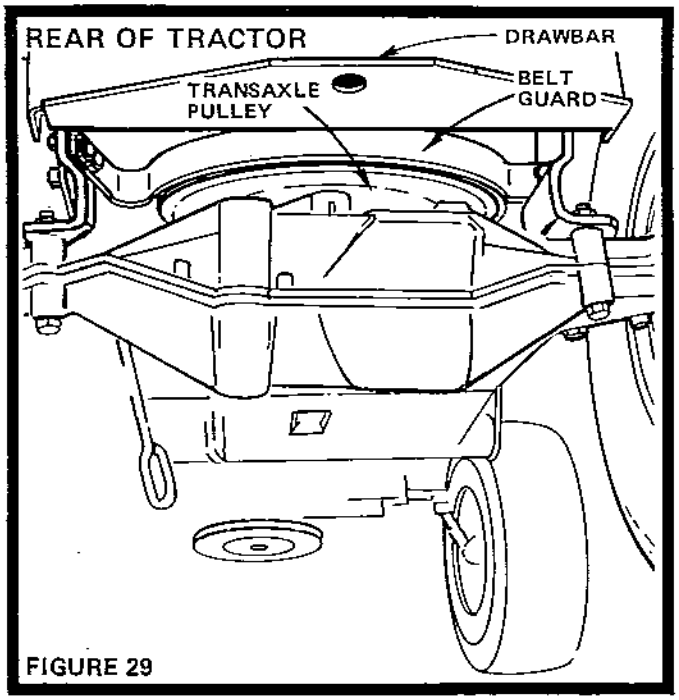


FIGURE 29

AS NEEDED . . . CONTINUED

2. TO REMOVE VARIDRIVE BELTS

The Belts on this tractor are special for this application. When replacing Belts always replace with original equipment.

a. Place Varidrive Control (Fig. 14) in slow position.
b. Set Parking Brake (Fig. 12).
c. Move Attachment Clutch Lever (Fig. 14) to disengaged position.
d. Place mower in its lowest position (Fig. 37 - Inset).

TO REMOVE PRIMARY BELT

a. Remove mower Main Drive Belt, refer to "Remove Mower Belt", page 19.
b. Roll Belt off Variator (bottom groove) (Fig. 28).
c. Remove Belt from Engine Pulley.

TO REMOVE SECONDARY BELT

a. Remove Primary Belt (Fig. 28). Relieve Idler tension by engaging parking brake.
b. Remove Drawbar and Belt Guard at Transaxle Pulley (Fig. 29).
c. Remove Flat Idler "A".
d. Roll Belt off Transaxle Pulley. Remove Belt from Flat Idler and Variator (top groove).
e. Reverse the above procedures to install new Belts.

NOTE: WHEN A NEW BELT OR BELTS ARE INSTALLED YOU MUST CHECK BELT TENSION. REFER TO "CHECK BELT TENSION", PAGE 8.

3. VARIDRIVE CONTROL ADJUSTMENT

If the Varidrive Control (Fig. 14) moves from the selected speed position under load, tighten the Varidrive Handle Assembly Locknut (Page 30, Key No. 29).

4. CLEAN BATTERY AND TERMINALS

Corrosion and dirt on the Battery and Terminals cause the Battery to "leak" power.

> **LEAD-ACID BATTERIES GENERATE EXPLOSIVE GASES. KEEP SPARKS, FLAME, AND SMOKING MATERIALS AWAY FROM BATTERIES. ALWAYS SHIELD EYES AROUND BATTERIES.**

a. Disconnect BLACK Battery Cable then RED Battery Cable and remove Battery from Tractor. Wash Battery with four tablespoons of baking soda to one gallon of water. NOTE: BE CAREFUL NOT TO GET THE SODA SOLUTION INTO THE CELLS. Rinse the Battery with plain water, dry and reinstall on Tractor.
b. Clean terminals and Battery Cable ends with a wire brush until bright. Replace Battery Cables, connecting RED Battery Cable first, then BLACK Battery Cable to respective terminals. Coat terminal connections with Vasoline. Replace Terminal Cover.

AS NEEDED . . . CONTINUED

5. TIRE CARE

a. Maintain tire pressure of 14 pounds in front tires and 12 pounds in rear tires.

b. Keep tires free of gasoline, oil, or insect control chemicals which can destroy rubber.

c. Avoid stumps, stones, deep ruts and other hazards that may cause tire damage.

d. Removing front wheel for tire repair (Fig. 30).
   - Block up front axle securely or use a Tractor Jack.
   - Remove Klip Ring and Washer to allow wheel removal.
   - Repair tire and reassemble. Replace washer and snap Klip Ring securely in axle groove.

e. Removing rear wheel for tire repair (Fig. 31).
   - Block up rear axle securely or use a Tractor Jack.
   - Remove E-Ring and Washer to allow wheel removal.
   - Repair Tire and reassemble. Replace Washer and snap E-Ring securely in axle groove.

WHEN MOUNTING TIRES, UNLESS BEADS ARE SEATED, OVER INFLATION CAN CAUSE AN EXPLOSION.

6. FINISH

Keep tractor and seat free of gasoline, oil, insect chemicals or battery electrolyte. Protect painted surfaces with automotive type wax.

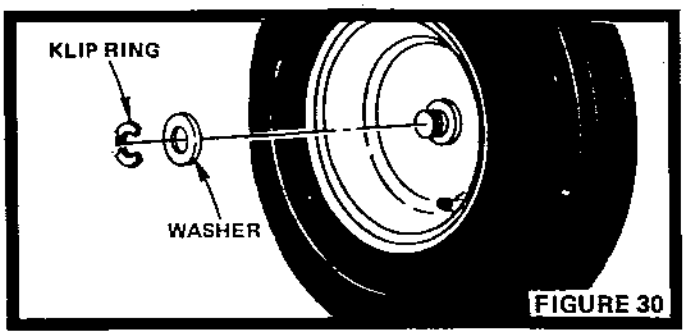


FIGURE 30

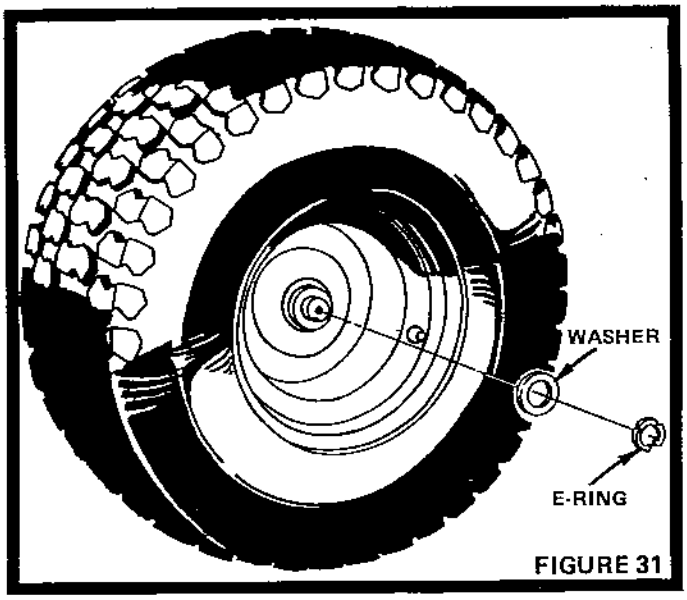
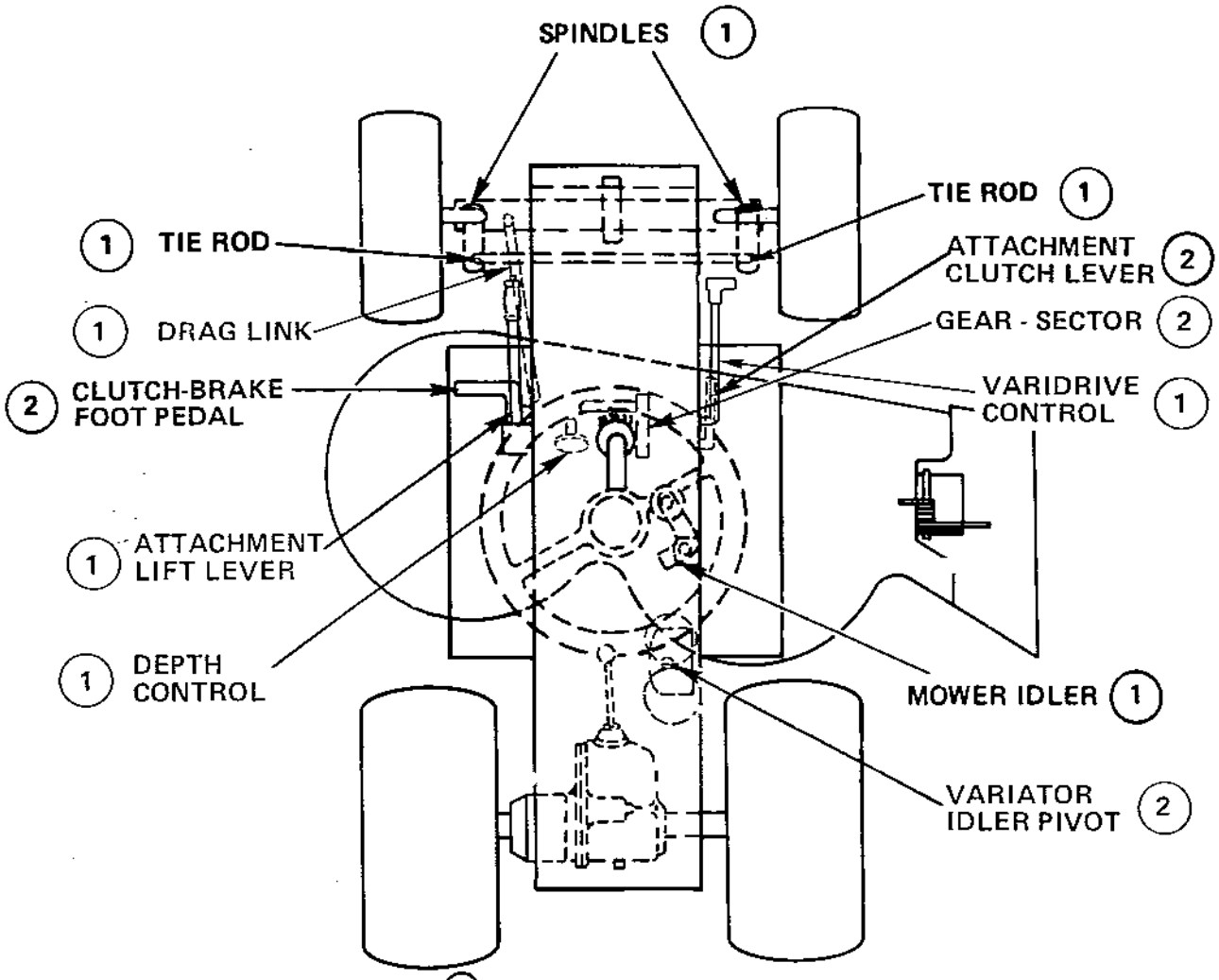


FIGURE 31

LUBRICATION CHART



(1) SAE 30 MOTOR OIL

(2) GENERAL PURPOSE GREASE

SERVICE RECORD FILL IN DATES AS YOU COMPLETE REGULAR SERVICE	FREQUENTLY	EVERY 5 HOURS	EVERY 25 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	EVERY 200 HOURS	SEASONAL	SERVICE DATES					
Check Engine Oil Level		✔											
Change Engine Oil			✔										
Oil Pivot Points: Suspension, Idler Arm, Clutch Arm, Bell Crank & Spindles		✔											
Check Brake Operation	✔												
Clean Air Screen on Engine & Grill	✔												
Clean Air Cleaner Element			✔										
Replace Air Cleaner Element						✔							
Clean Engine Cooling Fins				✔									
Replace Spark Plug					✔								
Check Battery Levels	✔												
Check Tire Pressure	✔												
Grease Mower Mandrel				✔			✔						

TROUBLE SHOOTING

POSSIBLE CAUSE	POSSIBLE REMEDY
WILL NOT START	
Gear Shift Lever in gear	Shift to "N" position (Fig. 9)
Attachment Clutch Lever engaged	Disengage Lever (Fig. 9)
No gasoline in Fuel Tank or clogged Fuel Line	Fill Tank with Gasoline. Check Fuel Line and Carburetor (clean if necessary)
Blown Fuse	Check for fault and replace Fuse
Dead Battery	Recharge or replace Battery
HARD TO START	
Choked improperly, flooded Engine	Place Throttle Control (Fig. 10) in "FAST" position and run starter several times to clear out gas
Clogged Fuel Tank	Remove and clean
Dirty Air Cleaner	Remove and clean (Fig. 24)
Spark Plug dirty or improper gap	Clean, adjust gap or replace (Fig. 26)
Defective Battery	Recharge or replace
Defective Ignition or loose wiring	Check the wiring and Spark Plug
Water in gasoline or old fuel	Drain Fuel Tank and Carburetor, use fresh fuel and replace Spark Plug
Improper Carburetor adjustment	Make necessary adjustments (Fig. 27)
ENGINE MISSES OR LACKS POWER	
Engine overload	Shift to a lower gear (Fig. 9) or reduce load
Clogged Fuel Tank	Remove and clean
Partially plugged Air Cleaner	Remove and clean (Fig. 24)
Improper Carburetor adjustment	Make necessary adjustments (Fig. 27)
Dirty Engine Air Screen	Clean Air Screen (Fig. 15)
Low oil level or dirty oil	Add or change oil (Fig. 23)
Spark Plug dirty, improper gap or wrong type	Replace Spark Plug (Fig. 26)
Faulty Ignition	Check Spark Plug and for loose wires
Poor compression	Major Engine overhaul
Oil in gasoline	Drain and refill Gas Tank and Carburetor
Belts have stretched	Refer to Check Belt Tension (page 8)
ENGINE OVERHEATS	
Dirty Air Screen	Clean Air Screen (Fig.15)
Low oil level or dirty oil	Add or change oil (Fig. 23)
Dirty Engine	Clean Engine Cooling System (Fig. 25)
Partially plugged Muffler	Remove and clean Muffler (page 11)
Partially plugged Air Cleaner	Remove and clean (Fig. 24)
Stale fuel or improper Carburetor adjustment	Use fresh fuel and adjust Carburetor (Fig. 27)
NO LIGHTS	
No Headlights with Light Switch in "ON" position and engine running	Check Switch and Wire Connections. Replace light bulbs.
WON'T CHARGE	
Blown Fuse	Check for fault and replace
Defective Battery	Replace
Defective Alternator	Replace

STORAGE

1. ENGINE OIL

Drain (with engine warm) and replace with clean engine oil. Refer to page 8.

2. FUEL SYSTEM

a. Drain fuel tank and carburetor by allowing the engine to run out of gasoline. NOTE: GASOLINE LEFT IN YOUR ENGINE WILL LEAVE GUM DEPOSITS CLOGGING FUEL SYSTEM.

b. Dispose of gasoline if not to be used. NOTE: GASOLINE STORED FOR SEVERAL MONTHS LOSES ITS VOLATILITY (ABILITY TO BURN EEFECTIVELY).

3. CYLINDER

a. Remove Spark Plug.

b. Pour one ounce of engine oil through spark plug hole into cylinder.

c. Turn ignition key to "START" position for a few seconds to distribute oil.

d. Replace with new Spark Plug.

4. BATTERY

a. Remove battery if tractor is not used regularly during winter months. Store in cool, dry place (above 50°F.).

b. Re-charge each month if necessary. NOTE: BATTERIES NOT IN USE FOR SEVERAL MONTHS AND NOT KEPT FULLY CHARGED, PRODUCE SULPHUR DEPOSITS ON PLATES WHICH CANNOT BE REMOVED BY RECHARGING.

5. GENERAL CLEANING

Clean engine, battery, finish, seat, etc. of all foreign matter.

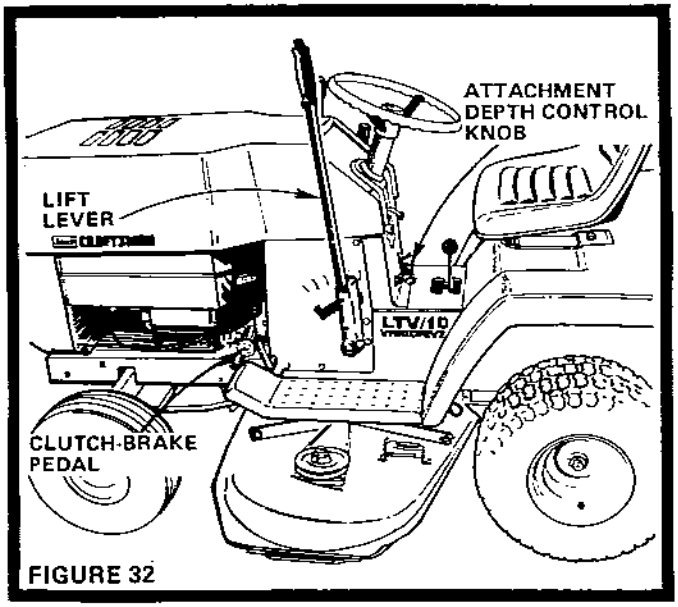


FIGURE 32

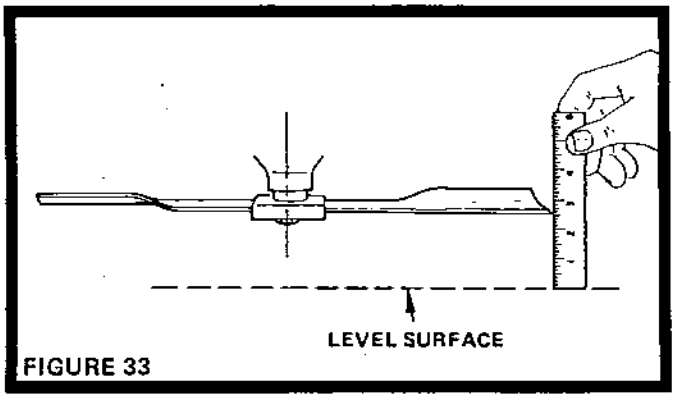


FIGURE 33

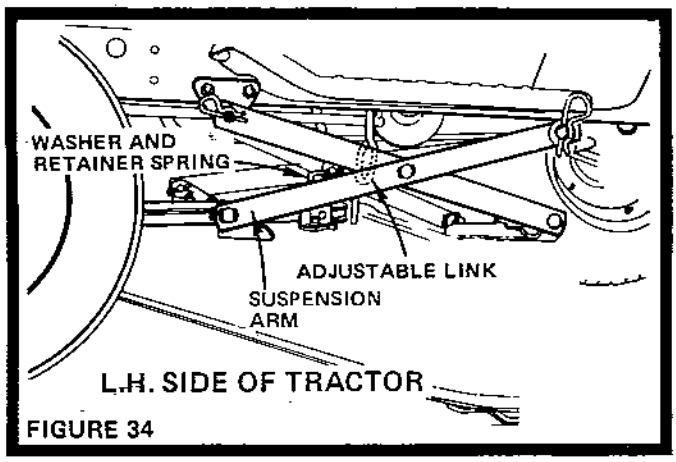


FIGURE 34

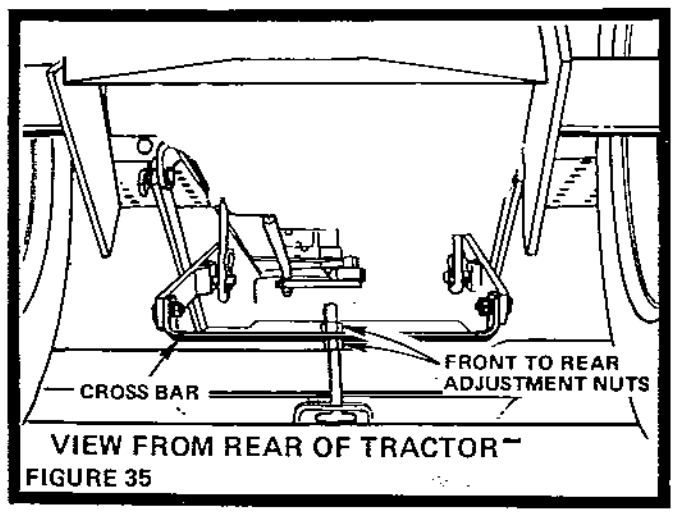


FIGURE 35

MOWER ADJUSTMENT

FOR ANY ADJUSTMENTS, INSPECTION OR MAINTENANCE:

ADJUST MOWER TO MIDDLE OF CUTTING RANGE AS FOLLOWS. WITH LIFT CONTROL LEVER LOCKED IN UP (REAR) POSITION, TURN ATTACHMENT DEPTH CONTROL KNOB COUNTERCLOCKWISE UNTIL LIFT LEVER IS IN MID RANGE (FIG. 32). ENGAGE THE PARKING BRAKE, RETURN SHIFT CONTROL LEVER TO NEUTRAL. SHUT OFF ENGINE, MAKE ABSOLUTELY SURE THE BLADES AND ALL MOVING PARTS HAVE COMPLETELY STOPPED. REMOVE THE IGNITION KEY, DISCONNECT THE SPARK PLUG AND KEEP WIRE AWAY FROM THE PLUG TO PREVENT INJURY FROM ACCIDENTAL STARTING.

NOTE: BEFORE CHECKING THE SIDE TO SIDE AND FRONT TO REAR ADJUSTMENTS BELOW, BE SURE PRESSURE IN FRONT TIRES IS 14 POUNDS AND PRESSURE IN REAR TIRES IS 12 POUNDS. IT IS NECESSARY TO HAVE TIRES PROPERLY INFLATED WHEN LEVELING THE MOWER.

LEVEL MOWER FROM SIDE TO SIDE

1. Rotate Blades by hand so that they are in line with width of the tractor.
2. Measure the height of the tips of outer blades (Fig. 33). Both R.H. and L.H. must be the same distance from level surface within 1/8 of an inch.
3. If adjustment is required, remove Retainer Spring and Washer (Fig. 34) on L.H. side Center Pivot Pin of Suspension Arms leaving Lift Link free.
   a. Turn Link clockwise to raise L.H. side of mower.
   b. Turn Link counterclockwise to lower L.H. side of mower.

   NOTE: ONE TURN (180°) WILL EQUAL 1/16" HEIGHT CHANGE.
4. Replace Washer and Retainer Spring on Center Pivot Pin of Suspension Arms.

ADJUST MOWER FROM FRONT TO REAR

1. Your Mower should cut approximately 3/16" lower at front than at the rear. With R.H. Mower Blade in line with length of tractor, measure the height of the front tip of Blade (Fig. 33). Rotate Blade 1/2 turn and measure. The front tip must be approximately 3/16 of an inch lower than the rear tip of blade.
2. If adjustment is required, loosen Front to Rear Adjustment Nuts (Fig. 35) move up or down to obtain the above pitch or difference front to rear. Adjusting the Nuts up will lower the rear of the mower. Lowering Nuts will raise the rear of the mower. Tighten the two Nuts securely against Cross Bar (Fig. 35).

MOWER OPERATING INSTRUCTIONS

READ THE "RULES FOR SAFE OPERATION" CAREFULLY BEFORE OPERATING YOUR MOWER.

THE MOWER MUST BE LEVELED FROM FRONT TO REAR BEFORE OPERATING. THIS IS NECESSARY FOR LEVEL AND EFFICIENT MOWING. REFER TO PAGE 16.

1. Place Attachment Clutch Lever in "DISENGAGED" position (Fig. 36).

2. Push tractor Clutch-Brake Pedal (Fig. 32) fully into brake position.

3. Place Gear Shift Lever in "N" position (Fig. 36).

NOTE: TRACTOR MUST BE IN "N" AND MOWER BLADE CLUTCH LEVER IN "DISENGAGED" POSITION BEFORE TRACTOR WILL START.

4. Start tractor and set engine speed to about 1/3 to 1/2 throttle before engaging mower. After mower is "ENGAGED" and you have started forward travel, set to FULL THROTTLE.

NOTE: "ENGAGE" OR "DISENGAGE" MOWER BLADE CLUTCH LEVER SLOWLY.

NEVER "ENGAGE" MOWER EXCEPT WHEN SITTING ON TRACTOR SEAT.

5. Start mowing in low range and increase ground speed by moving Varidrive Control Lever (Fig. 36) forward as conditions will permit. Average cutting height is approximately 2 - 1/2 to 2 - 3/4 inches. Height of cut can be adjusted by means of the Lift Lever (Fig. 37). Moving the Lever forward lowers the mower. Moving it rearward raises the mower. The Lift Lever is actuated by depressing the Lift Lever Plunger at the top of the lever handle (Fig. 37). Move Attachment Lift Lever rearward to highest position. Adjust Depth Control Knob (clockwise or counterclockwise) to desired cutting height (Fig. 37). Attachment Lift Lever stops at preselected height.

6. Drive so that clippings are discharged onto the area that has been cut. The R.H. Runner can be used as a guide line for line of cut (Fig. 36). Have the cut area to the right of the machine. This will result in a more even distribution of clippings and more uniform cutting. When mowing large areas (Fig. 38), start by turning to the right so that the clippings will be discharged away from shrubs, fences, driveways, etc. After two or three rounds, mow in the opposite direction making left hand turns until finished. If grass is extremely tall, it should be mowed twice. The first time cut relatively high. The second time to the desired height. The left hand side of mower should be used for trimming.

DO NOT OPERATE THE MOWER WITHOUT THE ENTIRE GRASS CATCHER, ON MOWERS SO EQUIPPED, OR THE DEFLECTOR SHIELD IN PLACE.

NOTE: TIRE CHAINS CANNOT BE USED WITH THE MOWER HOUSING ATTACHED.

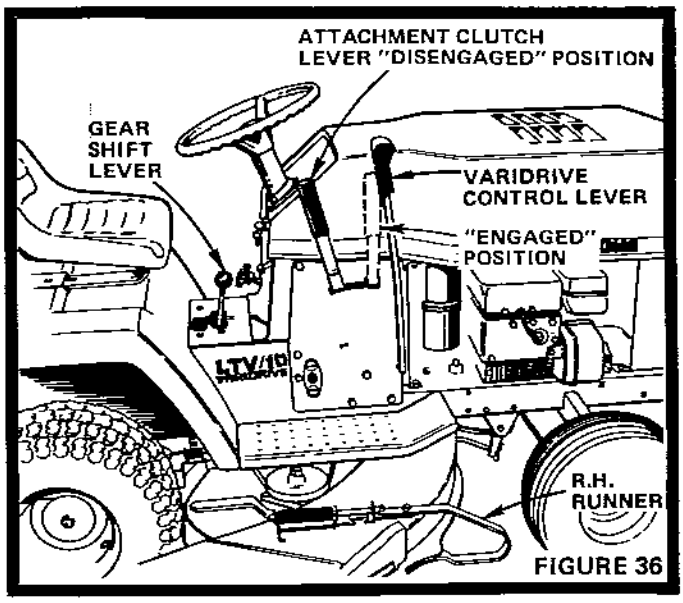


FIGURE 36

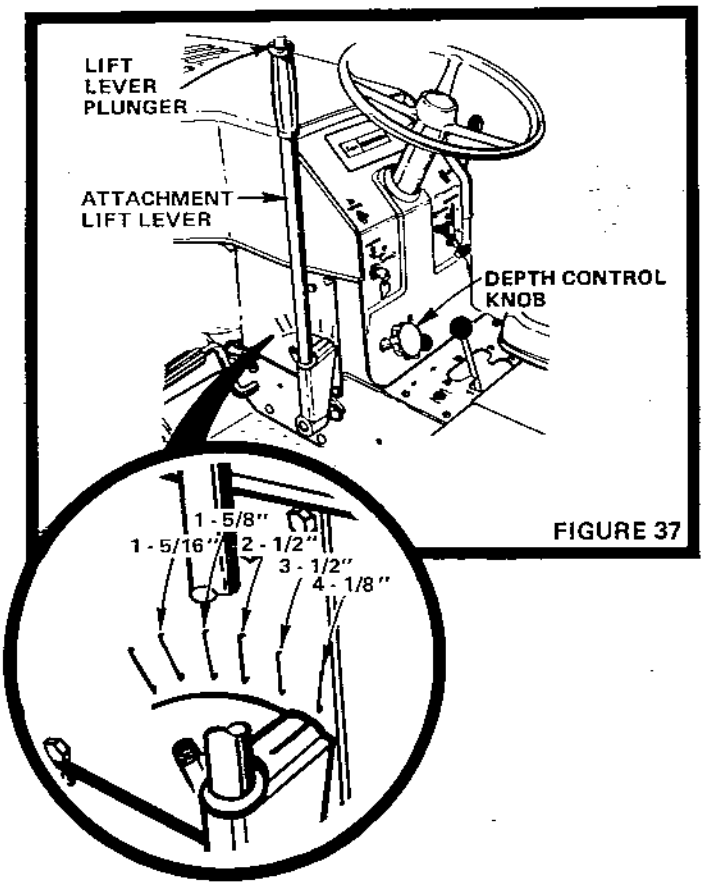


FIGURE 37

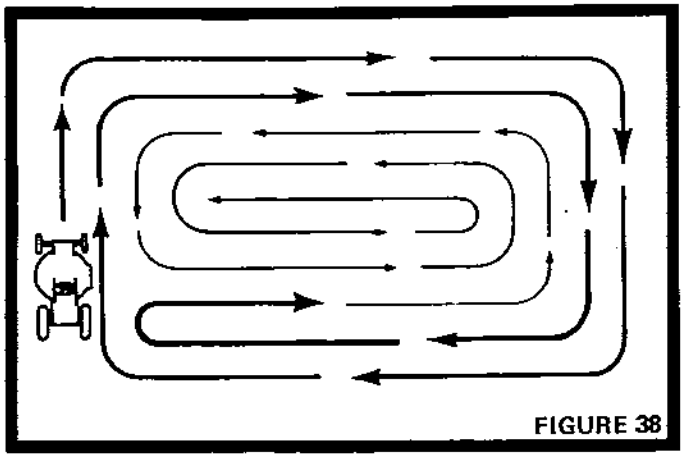


FIGURE 38

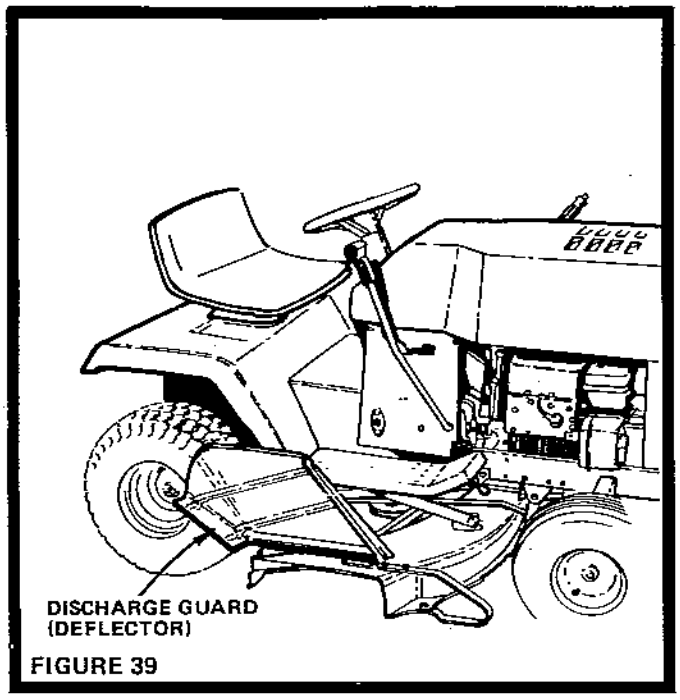


FIGURE 39

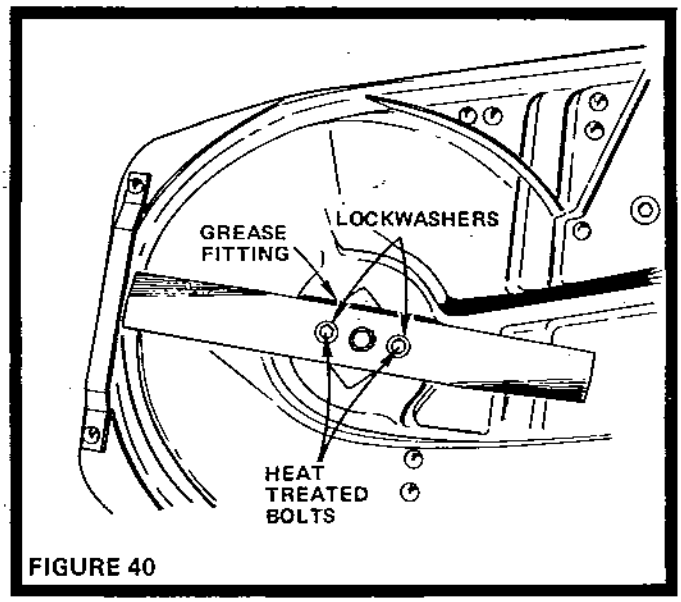
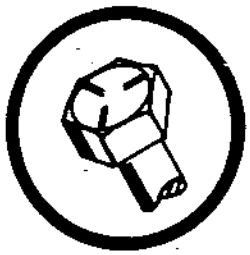


FIGURE 40



A GRADE 5 HEAT TREATED BOLT CAN BE IDENTIFIED BY THREE LINES INDICATED ON THE BOLT HEAD AS SHOWN AT LEFT.

ALWAYS USE GRADE 5 HEAT TREATED BOLTS TO ATTACH BLADES. CHECK BOLTS IN BLADES OCCASIONALLY TO MAKE SURE BOLTS ARE TIGHT. TORQUE BOLTS 45 - 50 FT. LBS.

FLIP-UP DISCHARGE GUARD

Your mower has a flip-up Discharge Guard (Fig. 39) for door or gate clearance when held in raised position.

MAKE SURE ATTACHMENT CLUTCH LEVER IS IN "DISENGAGED" POSITION AND BLADES HAVE STOPPED BEFORE RAISING DISCHARGE GUARD (DEFLECTOR).

MOWER MAINTENANCE INSTRUCTIONS

FOR ANY ADJUSTMENTS, INSPECTION OR MAINTENANCE:

PUSH TRACTOR CLUTCH-BRAKE PEDAL COMPLETELY INTO BRAKE POSITION. MOVE GEAR SHIFT LEVER TO "N" NEUTRAL POSITION. PLACE PARKING BRAKE IN "ENGAGED" POSITION. PLACE MOWER BLADE CLUTCH LEVER IN "DISENGAGED" POSITION. SHUT OFF THE ENGINE. MAKE ABSOLUTELY SURE THE BLADES AND ALL MOVING PARTS HAVE COMPLETELY STOPPED, REMOVE THE IGNITION KEY, DISCONNECT THE SPARK PLUG WIRE FROM THE SPARK PLUG AND KEEP WIRE AWAY FROM THE PLUG TO PREVENT INJURY FROM ACCIDENTAL STARTING.

BLADE CARE

For best results mower blades must be kept sharp. The blades can be sharpened with a few strokes of a file or on a grinding wheel. We suggest they be sharpened after every 15 hours of mowing. Do not attempt to sharpen while on mower.

1. When grinding, care should be taken to maintain blade balance and the blade should be checked for proper balance before reinstallation on mower. Unbalanced or bent blade will cause excessive vibration when running, and eventual damage to mower or engine. Replace bent or damaged blades.
2. To ensure satisfactory operation, it is recommended that before the start of each mowing season, the old blades be discarded and replaced with new blades. Mower blades can be purchased at all Sears retail and catalog stores.

DAILY MAINTENANCE

Make sure all nuts on bolts are tight and cotter pins are secure. Keep blades sharp. Observe all safety precautions. Keep mower well lubricated (refer to page 14).

BLADE REPLACEMENT

Raise mower to highest position to permit access to Blades.

1. Remove Bolts and Lockwashers (Fig. 40) (turn counterclockwise).
2. Secure new Blade with Lockwashers and Bolts previously removed. TIGHTEN SECURELY.

NOTE: INSTALL NEW BLADES WITH SHARP EDGE DOWN.

CLEANING MOWER

DISCONNECT SPARK PLUG WIRE TO PREVENT ACCIDENTAL STARTING BEFORE CLEANING.

Water pressure from a garden hose will remove fresh clippings from underside of mower. Clean mower, top and underside, after each mowing.

BELT REPLACEMENT

MAIN DRIVE BELT

1. Remove mower from tractor, refer to "To Remove Mower, page 20.
2. Remove Belt Guard from Drive Sheave by removing Nuts and Washers from Clutch Arm Pivot and Drive Sheave (Fig. 41).
3. Loosen Bolt in Flat Idler and Drive Idler Arm (Fig. 41).
4. Remove Belt.
5. To replace Belt reverse steps 1 thru 4.

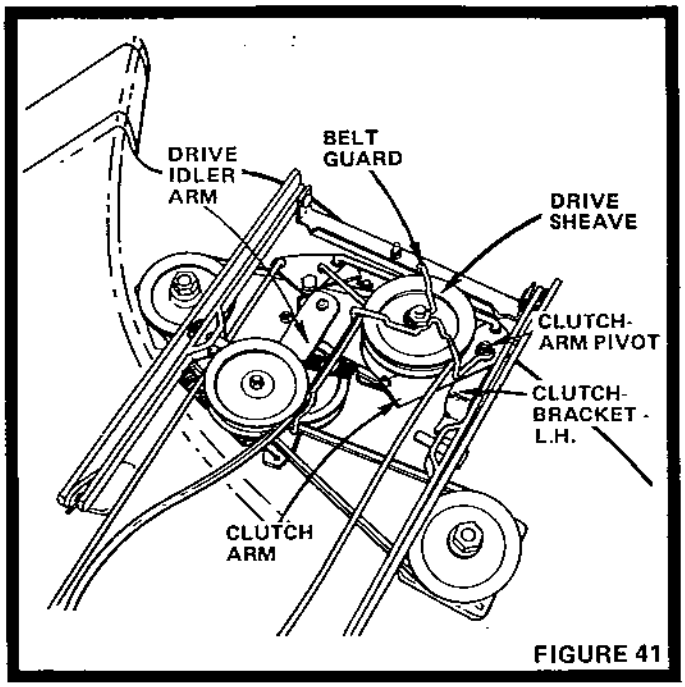


FIGURE 41

DECK DRIVE BELT

1. Remove mower from tractor. Refer to "To Remove Mower, page 20.
2. Remove Belt Guard from Drive Sheave by removing Nuts and Washers from Clutch Arm Pivot and Drive Sheave (Fig. 41).
3. Remove Lower Clutch Rod from Clutch Bell Crank (Fig. 42).
4. Remove Belt from L.H. Mandrel as follows:
   a. Place a Flat Washer on end of Lower Clutch Rod and secure with a Retainer Spring. (Use one of the Washers and Retainer Springs that mounted mower to tractor) (Fig. 43).
   b. Place Lower Clutch Rod over Idler Arm and back of Spring. Have Washer under Idler Arm (Fig. 48).
   c. Pull on Rod to loosen Belt so that it can be removed from L.H. Mandrel (Fig. 43).
5. Remove Clutch Bracket Strut (Fig. 44).
6. Loosen front bolt in R.H. Clutch Bracket (Fig. 44).
7. Remove rear bolt from R.H. Clutch Bracket (Fig. 44).
8. Remove Clutch Arm Pivot Bolt from Clutch Arm and L.H. Bracket (Fig. 41).
9. Raise rear of R.H. Clutch Bracket and slip Belt to the outside (Fig. 44).
10. Continue by slipping Belt between Deck Drive Idler and Drive Idler Arm (Fig. 44). Remove Belt from bottom groove of Drive Sheave and then from mower (Fig. 44).
11. Tighten all bolts securely and spread cotters before replacing mower on tractor.
12. To replace, reverse steps 2 thru 10. NOTE: LEAVE BOLTS IN R.H. CLUTCH BRACKET LOOSE UNTIL THE CLUTCH BRACKET STRUT IS IN PLACE.

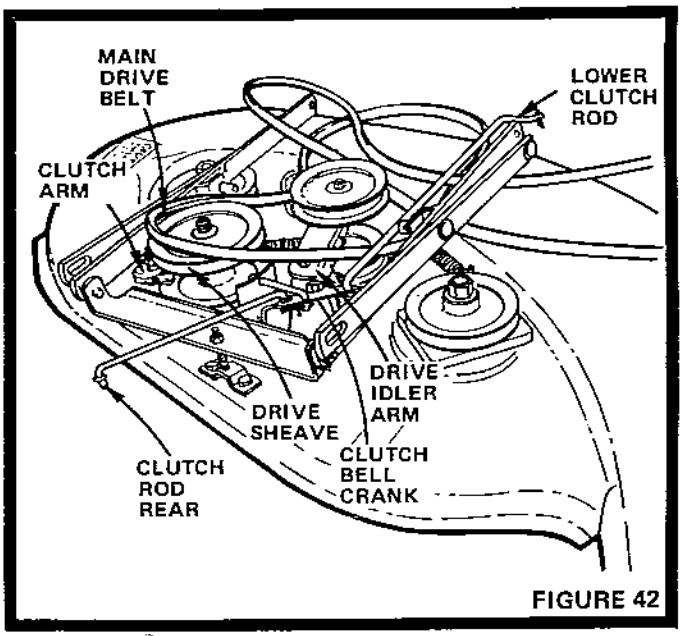


FIGURE 42

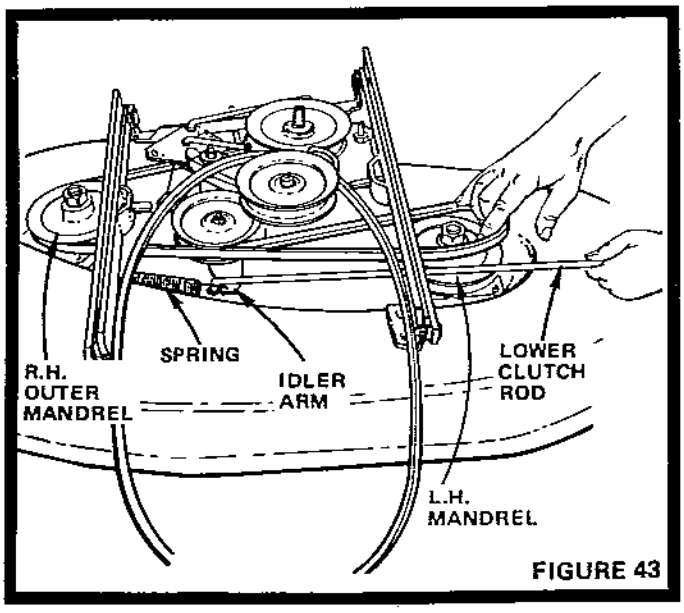


FIGURE 43

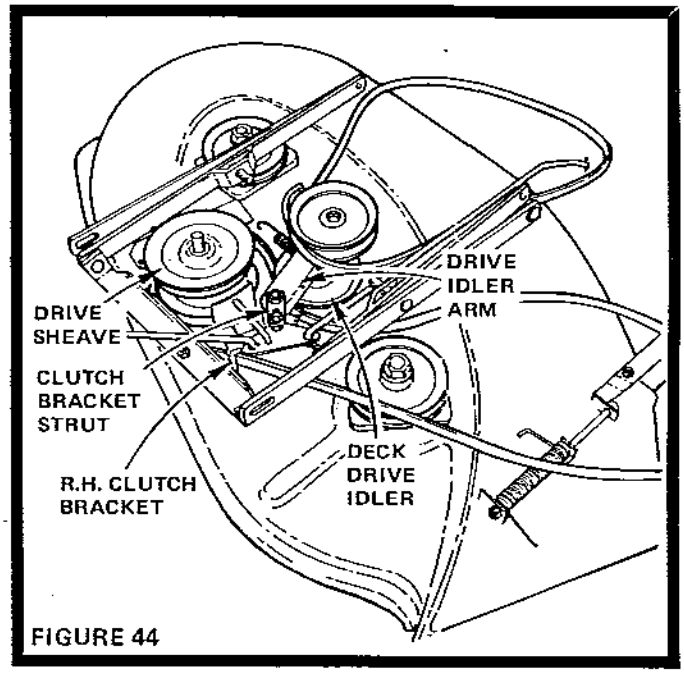


FIGURE 44

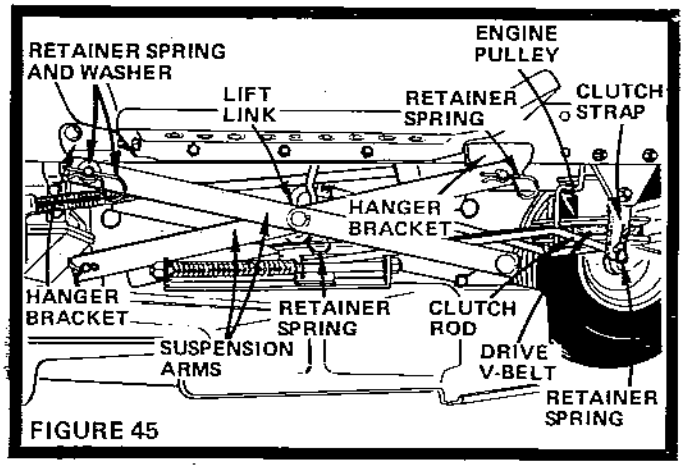


FIGURE 45

TO REMOVE MOWER

1. Move Lift Lever (Fig. 37) forward to lower mower to its lowest position.
2. Remove Drive V-Belt from Engine Pulley (Fig. 45).
3. Pull Retainer Spring (both sides of mower) from pin of Suspension Arms. Remove Washers and Lift Links from Suspension Arm Pins.
4. Remove Retainer Springs (front and rear - both sides) from Front and Rear Hanger Brackets. Also remove Washers on Rear Hanger Brackets. Remove Suspension Arms from Hanger Brackets.
5. Remove Retainer Spring from Lower Clutch Rod. Remove Lower Clutch Rod from Clutch Strap.
6. Pull mower from underneath tractor from R.H. side.

TO REPLACE MOWER

1. Reposition mower under tractor.
2. Reverse above procedure.

LUBRICATION - MOWER

Under normal usage the Mandrels should be lubricated after every 50 hours of operation or at the end of the season whichever comes first. Each Mandrel should be filled with grease (six shots) thru the Grease Fitting located between Mower Blade and underside of the Mower Housing (Fig. 40). Wipe fitting clean before greasing. Use high performance, extreme pressure lubricating grease. Amdex No. 1 E.P. or equivalent. This grease may be obtained by ordering thru your nearest Sears Repair Parts Department. Part No. 2557R.

STORAGE

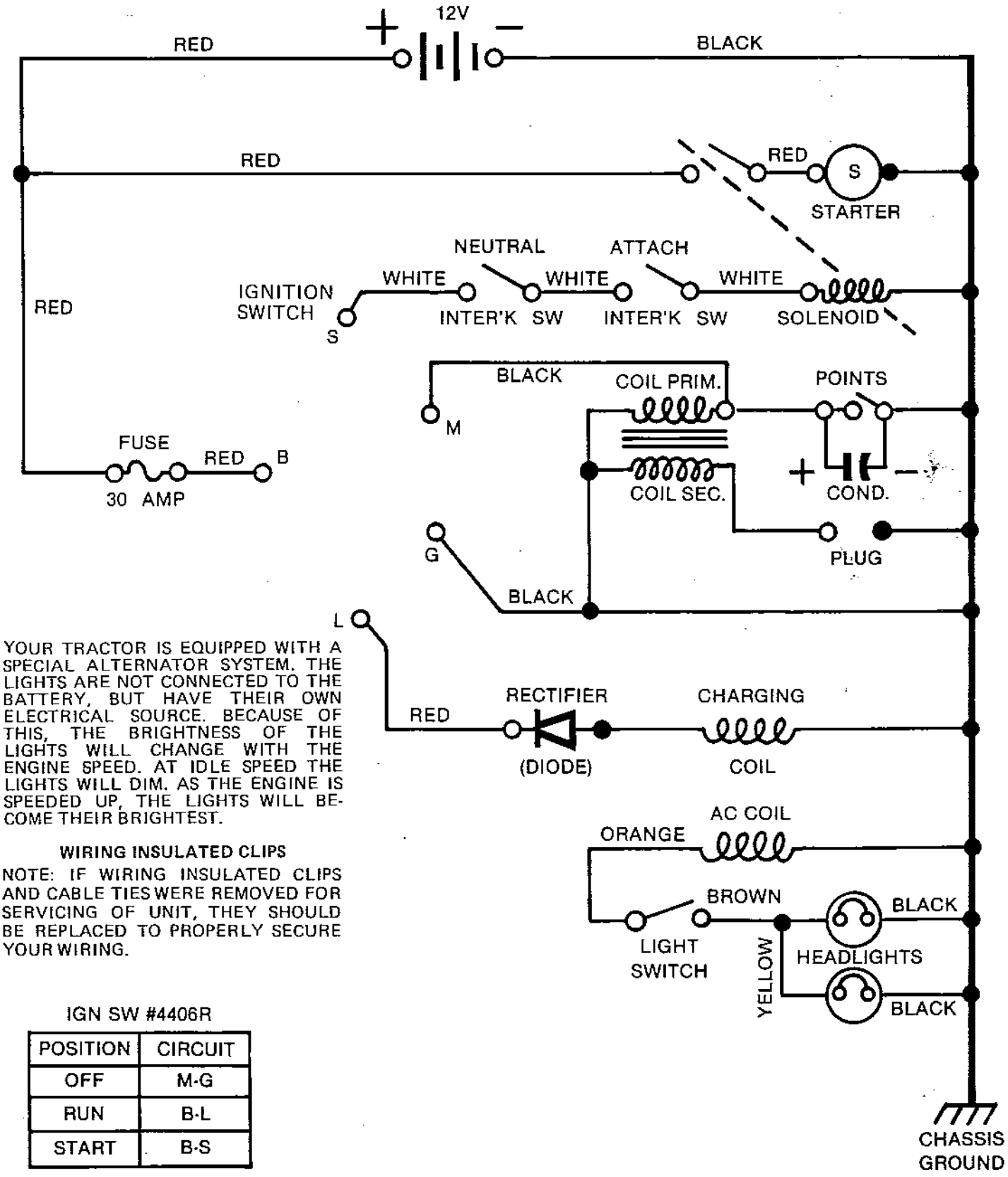
When mower is to be stored for a period of time, clean it thoroughly, remove all dirt, grease, leaves, etc. Give blades and underside of housing a good coat of grease or rust preventative. Store in a clean dry area.

Sears, Roebuck and Co. reserves the right to make any changes in design or improvements without imposing any obligation to install the same upon its items heretofore manufactured.

REPAIR PARTS

SEARS LTV/10-MODEL NUMBER 917.252631

SCHEMATIC



YOUR TRACTOR IS EQUIPPED WITH A SPECIAL ALTERNATOR SYSTEM. THE LIGHTS ARE NOT CONNECTED TO THE BATTERY, BUT HAVE THEIR OWN ELECTRICAL SOURCE. BECAUSE OF THIS, THE BRIGHTNESS OF THE LIGHTS WILL CHANGE WITH THE ENGINE SPEED. AT IDLE SPEED THE LIGHTS WILL DIM. AS THE ENGINE IS SPEEDED UP, THE LIGHTS WILL BECOME THEIR BRIGHTEST.

WIRING INSULATED CLIPS

NOTE: IF WIRING INSULATED CLIPS AND CABLE TIES WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE REPLACED TO PROPERLY SECURE YOUR WIRING.

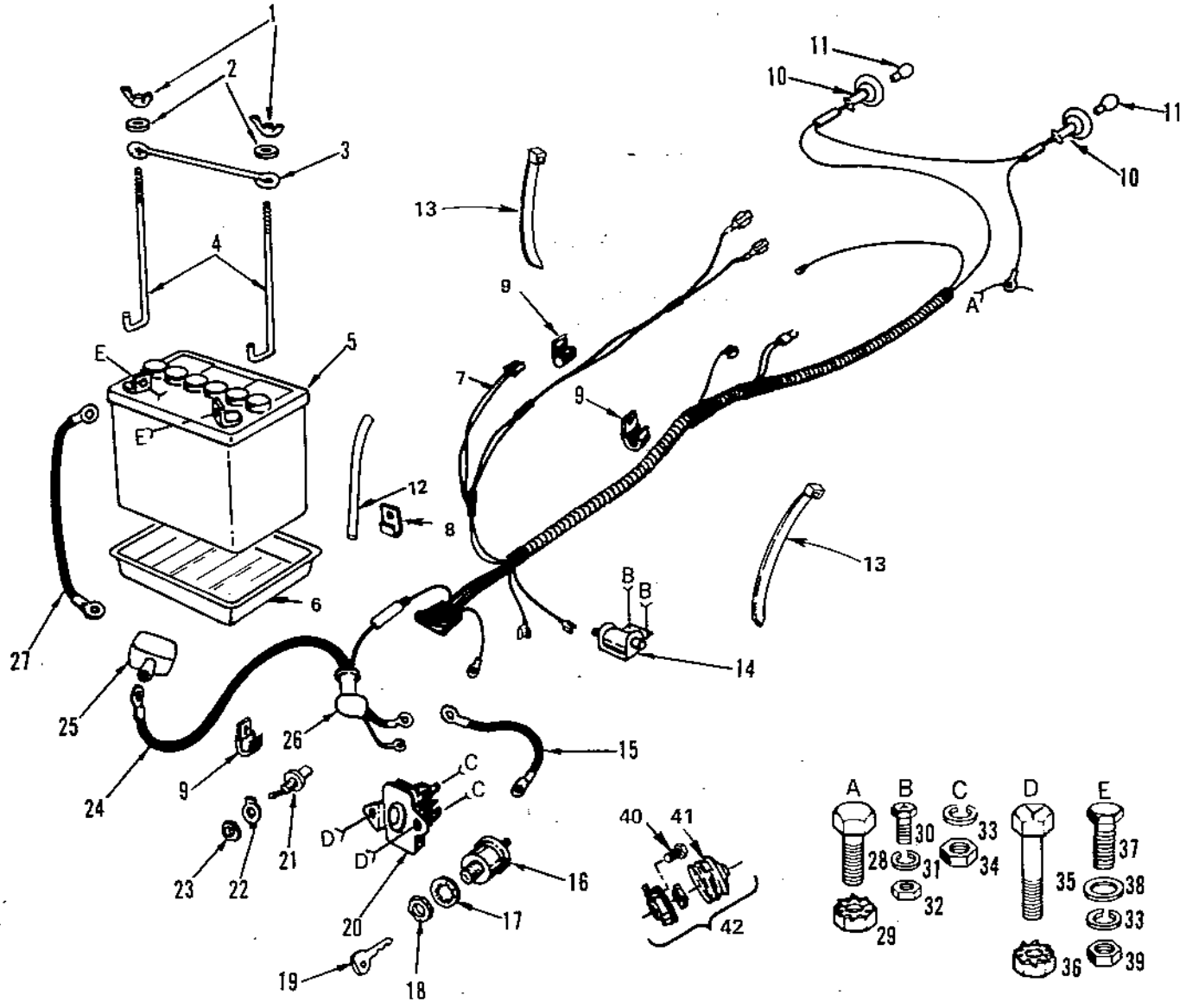
IGN SW #4406R

POSITION	CIRCUIT
OFF	M-G
RUN	B-L
START	B-S

REPAIR PARTS

SEARS LTV/10-MODEL NUMBER 917.252631

ELECTRICAL



REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

ELECTRICAL

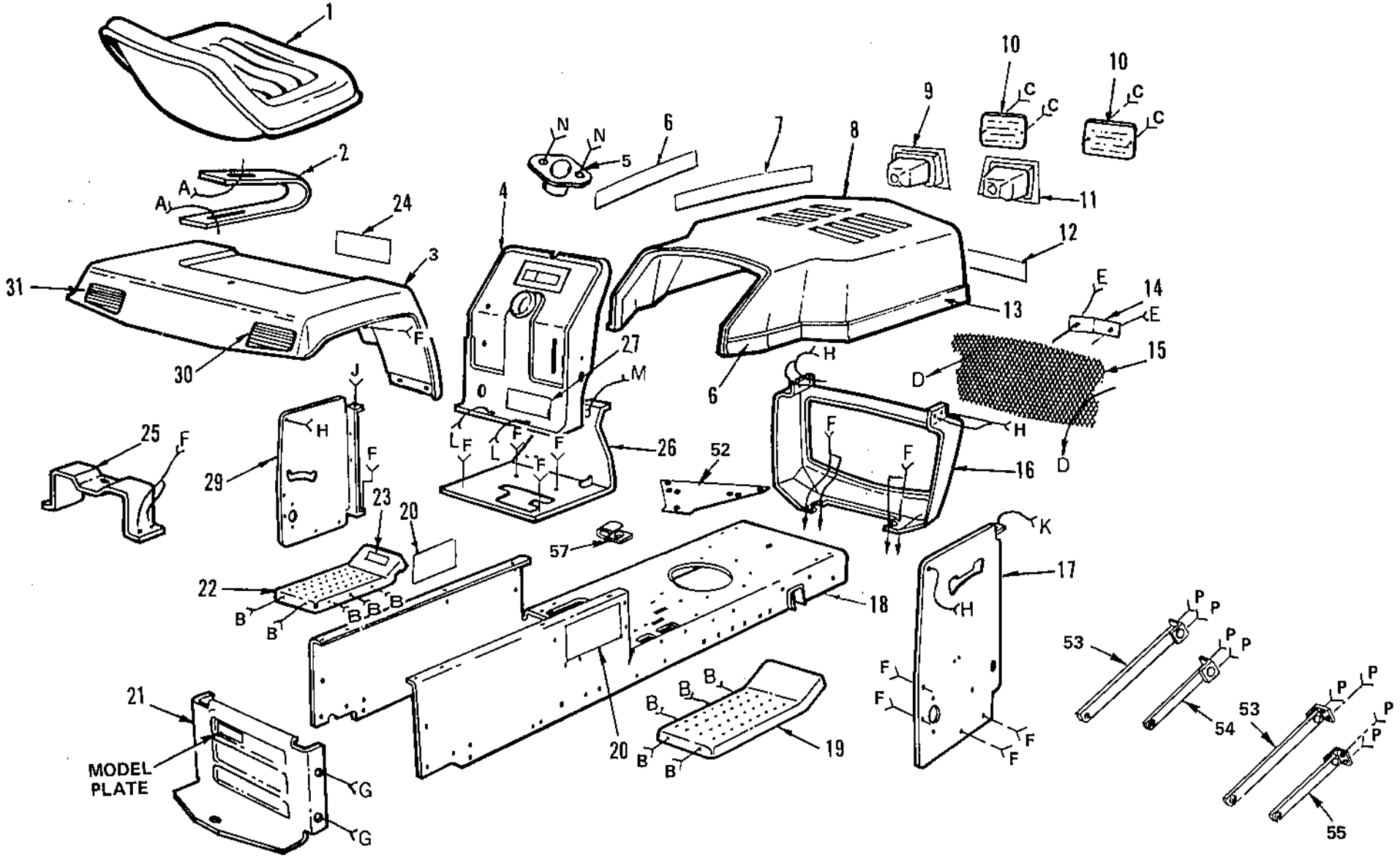
KEY NO.	PART NO.	DESCRIPTION
1	STD541625	*Wing Nut 1/4 - 20 UNC
2	STD551025	*Washer 9/32 x 3/4 x 16 Ga.
3	67187	Battery Rod
4	70456	Battery Bolt
5	9272R	Battery
6	8855R	Battery Tray
7	6759J	Harness - Ignition
8	2751R	Clip - Fuel Line
9	4171R	Insulated Clip
10	4151J	Socket - Light
11	4152J	Bulb - Light
12	6510J	Tube - Battery Tray
13	7192J	Cable Tie
14	7755R	Switch - Interlock
15	4208J	Cable - Battery (Solenoid to Starter)
16	4406R	Ignition Switch (Inc. Key No. 19)
17	1411P	Lockwasher - Internal Tooth 5/8
18	3258J	Nut - Hex 5/8 - 32
19	STD365410	Key
20	2008J	Solenoid
21	6497J	Switch - Light
22	7682R	On-Off Plate
23	7320R	Nut - Hex Face
24	5115J	Cable - Battery (Battery to Solenoid)
25	225J	Terminal Cover (For Battery Terminal)
26	719J	Terminal Cover (For Solenoid)
27	4207J	Cable - Battery (Battery to Ground)
28	3019P	Bolt - Hex 3/8 - 16 x 1/2
29	518P	Nut - Keps 3/8 - 16 UNC
30	STD511005	*Screw - Hex Hd. Machine No. 10 - 24 x 1/2 Gr. 5
31	STD551110	*Lockwasher No. 10
32	STD541010	*Nut - Hex Machine Screw No. 10 - 24 UNC
33	STD551125	*Lockwasher 1/4
34	STD541225	*Nut - Hex Jam 1/4 - 20 UNC
35	STD522505	*Bolt - Hex 1/4 - 20 x 1/2 Gr. 5
36	531P	Nut - Keps, Hex 1/4 - 20 UNC
37	STD522507	*Bolt - Hex 1/4 - 20 x 3/4
38	STD551025	*Washer 9/32 x 5/8 x 16 Ga.
39	STD541025	*Nut - Hex 1/4 - 20 UNC
40	2067J	Screw, Hex Washer Hd. Tapping No. 10 - 24 x 1
41	2300J	Boot Switch
42	3003J	Interlock Switch

*STANDARD HARDWARE–PURCHASE LOCALLY

REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

ENCLOSURES



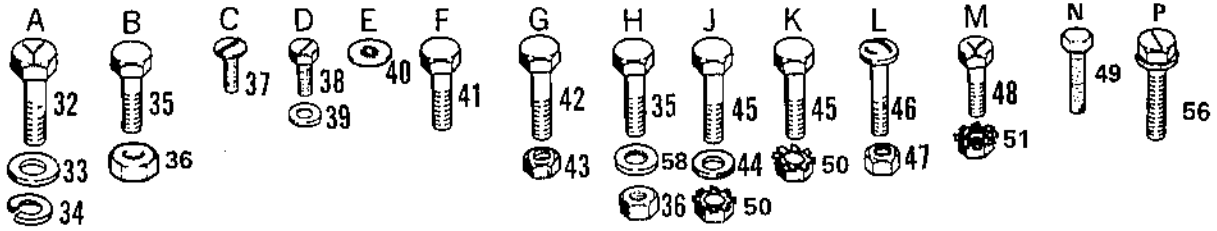
REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
1	1496J	Seat
2	677H779	Spring - Seat
3	677H785	Fender
4	3410J	Dash
5	1554J	Bushing - Steering
6	4904J	Decal - Strip, Hood (On Hood - Rear)
7	7090J	Decal - Strip, Hood (L.H. Side)
8	678H108	Hood
9	678H109	Bezel - L.H.
10	3600J	Lens - Headlamp
11	678H110	Bezel - R.H.
12	7091J	Decal - Strip, Hood (On Hood - Front)
13	7092J	Decal - Strip, Hood (R.H. Side)
14	4110J	Logo - Grill
15	677H938	Screen - Grill
16	677H937	Grill
17	677H781	Panel - Dash, R.H.
18	678H116	Frame Assembly
19	677H788	Footrest, R.H.
20	4912J	Decal - Feature
21	678H118	Drawbar
22	677H787	Footrest, L.H.
23	4900J	Decal - Clutch/Brake
24	4910J	Decal - Caution
25	677H778	Bracket Assembly - Fender
26	677A837	Saddle
27	7157J	Decal - Instructions
29	677A780	Panel - Dash, L.H.
30	4903J	Decal - Reflector, R.H.
31	4902J	Decal - Reflector, L.H.
32	STD525010	*Bolt, Hex 1/2 - 13 x 1 Gr. 5
33	1545P	Washer 17/32 x 1 x 16 Ga.
34	STD551150	*Lockwasher 1/2
35	STD523707	*Bolt - Hex 3/8 - 16 x 3/4
36	545P	Locknut 3/8 - 16 UNC
37	5632P	Screw - Cross Recess Pan Head No. 8 - 18 Hi-Lo x 1/2
38	5638P	Screw - Hex Head Slotted No. 12 x 1/2 Black Type AB Self Tapping
39	6058J	Washer 1/4 x 5/8 x 16 Ga., Black
40	6661J	Fastener - Push On
41	5627P	Screw - Hex Washer Head Thread Forming Type TT 3/8 - 16 x 3/4
42	3034P	Bolt - Hex 7/16 - 14 x 1
43	603P	Locknut 7/16 - 14 UNC
44	STD551037	*Washer 13/32 x 13/16 x 16 Ga.
45	STD523710	*Bolt - Hex 3/8 - 16 x 1
46	3419P	Screw - Truss Head Cross Recess Machine 5/16 - 18 x 3/4
47	553P	Locknut 5/16 - 18 UNC Gr. B
48	STD523107	*Bolt - Hex 5/16 - 18 x 3/4 Gr. 5
49	5630P	Screw - Hex Head Self Tapping No. 10 - 16 x 1/2 Type B
50	518P	Keps Nut 3/8 - 16 UNC
51	532P	Keps Nut 5/16 - 18 UNC
52	677H782	Plate, Support Battery
53	677A432	Strap Assembly - Hinge, Rear
54	677A875	Strap Assembly - Hinge, Left
55	677A876	Strap Assembly - Hinge, Right
56	5631P	Screw - Hex Washer Hd. No. 13 - 16 Hi - Lo x 5/8
57	4171R	Insulated Clip
58	1667P	Washer 13/32 x 13/16 x 12 Ga.

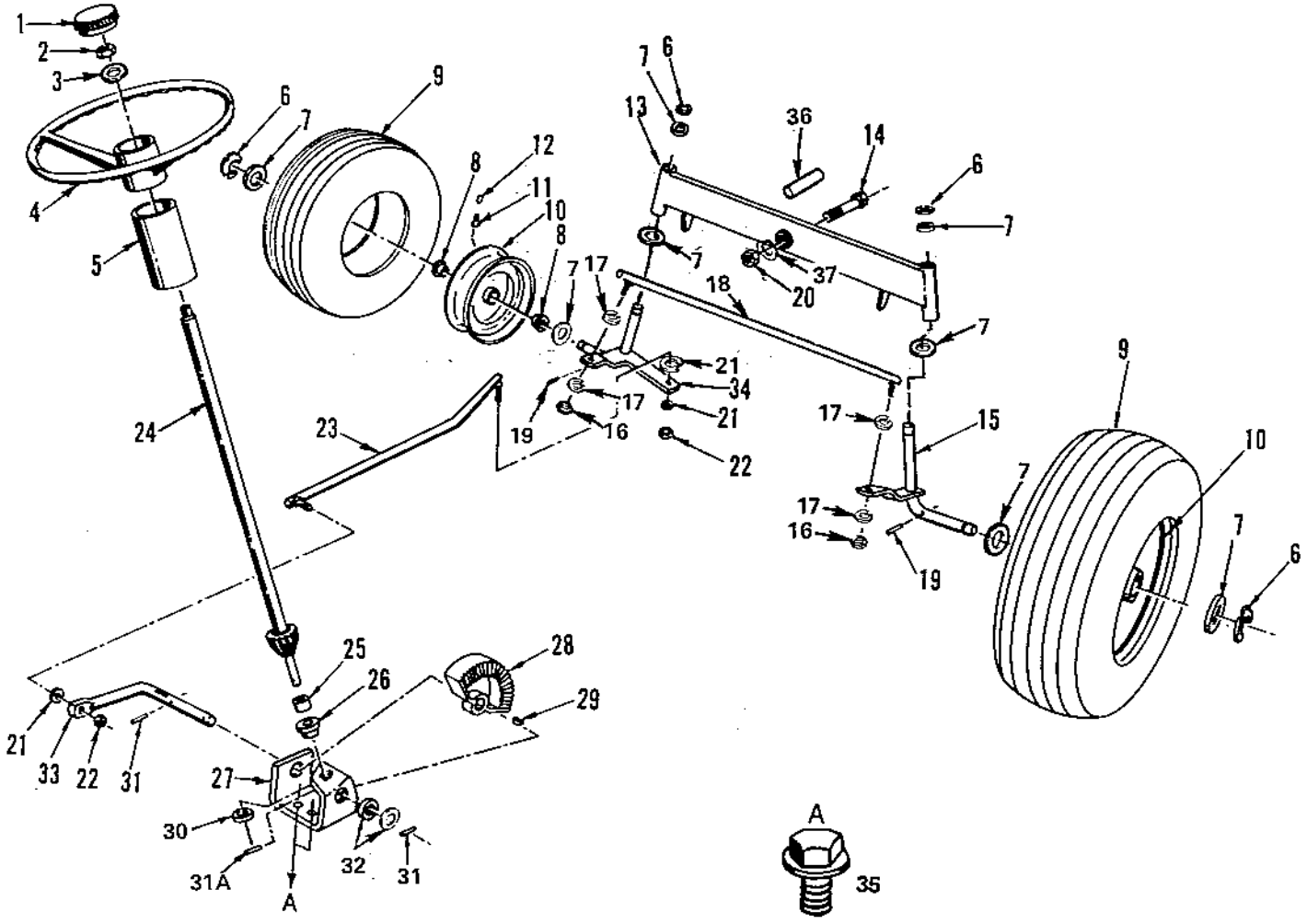
*STANDARD HARDWARE--PURCHASE LOCALLY



REPAIR PARTS

SEARS LTV/10–MODEL NUMBER 917.252631

STEERING, FRONT AXLE AND WHEELS



REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

STEERING, FRONT AXLE AND WHEELS

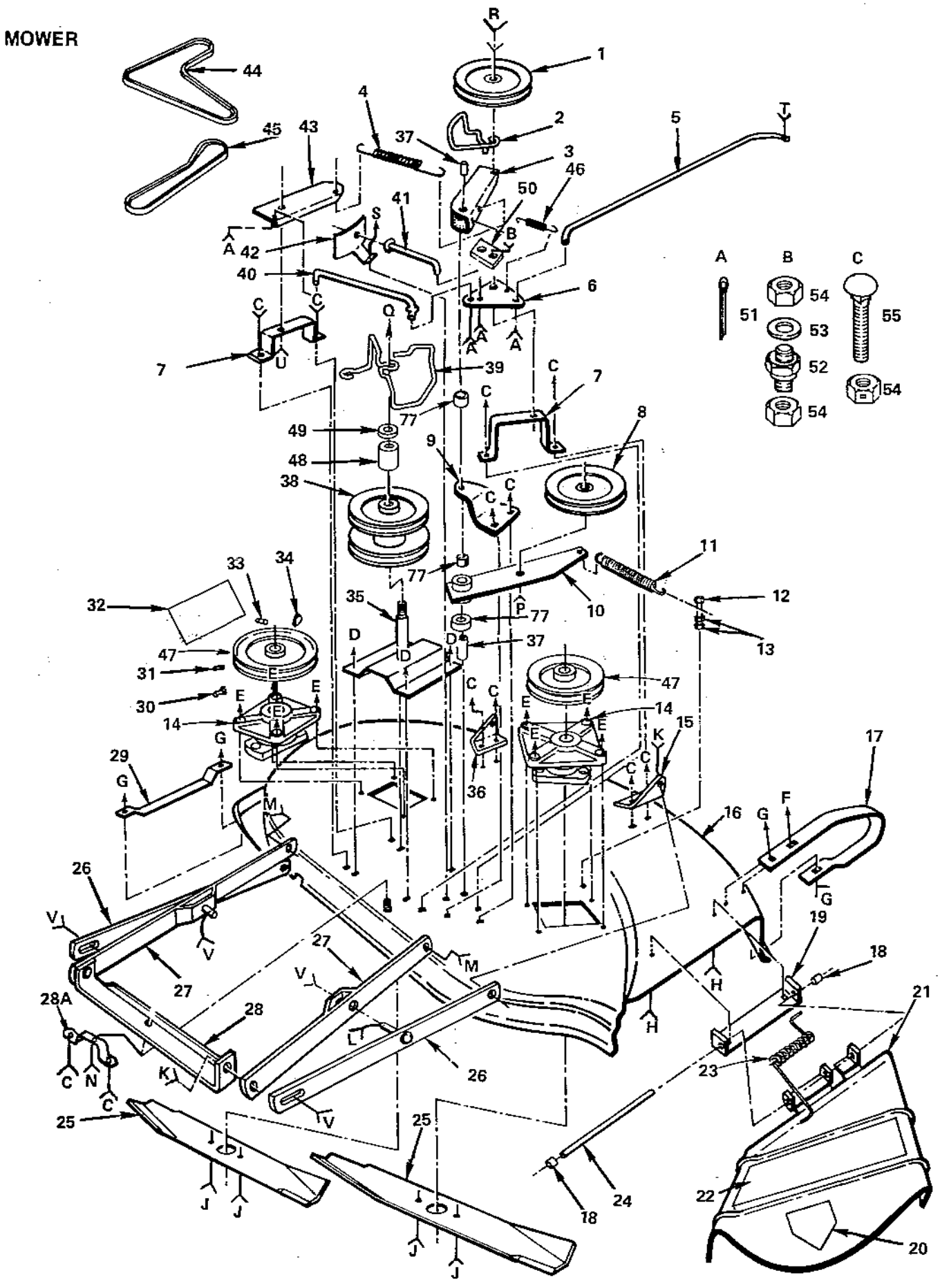
KEY NO.	PART NO.	DESCRIPTION
1	3649J	Insert - Steering Wheel
2	STD541350	*Nut - Hex Jam 1/2 - 20 UNF
3	STD551050	*Washer 17/32 x 1 x 16 Ga.
4	6784J	Steering Wheel 13"
5	4182J	Sleeve - Steering
6	5022P	Klipring
7	1600P	Washer 25/32 x 1 - 1/8 x 16 Ga.
8	9040H	Bearings - Wheel, Front
9	3717J	Tire - Rib Tread 15 x 6.00 - 6
10	677A98	Rim Assembly - 6" Front
11	65139	Stem - Valve
12	59192	Cap - Valve
13	678H417	Axle Assembly - Front
14	3433P	Bolt - Hex 5/8 - 11 UNC x 3
15	678H122	Spindle Assembly - R.H.
16	STD541131	*Nut - Hex 5/16 - 24 UNF
17	STD551131	*Lockwasher 5/16
18	4322J	Tie Rod
19	9530R	Grooved Pin 3/16 x 1 - 1/4
20	STD541062	*Nut - Hex 5/8 - 11 UNC
21	STD551137	*Lockwasher 3/8
22	STD541137	*Nut - Hex 3/8 - 24 UNF
23	4321J	Drag Link
24	677A816	Shaft Assembly - Steering
25	74580	Spacer
26	71208	Bushing - Steering Rod
27	4604J	Bracket - Steering
28	4301J	Gear - Sector
29	2228M	Woodruff Key 3/16 x 3/4
30	1647P	Washer 21/32 x 1 - 1/4 x 16 Ga.
31	5142H	Roll Pin 3/16 x 1 - 1/4
31A	2882J	Drive Pin 3/16 x 1
32	6266H	Hardened Washer (2 - 5 as required)
33	4618J	Rod - Steering
34	678H418	Spindle Assembly - L.H.
35	5627P	Screw - Hex Washer Hd. Thread Forming Type TT 3/8 - 16 UNC x 3/4
36	6826J	Tube - Pivot, Inner
37	STD551162	*Lockwasher 5/8

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

MOWER



REPAIR PARTS

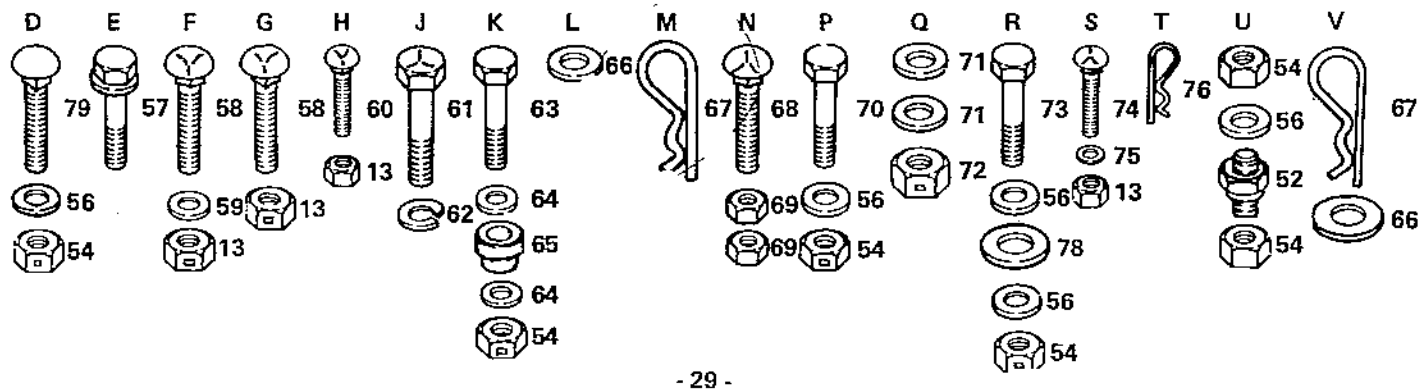
SEARS LTV/10--MODEL NUMBER 917.252631

MOWER

KEY NO.	PART NO.	DESCRIPTION
1	2083R	Flat Idler
2	4659J	Guard - Belt, Drive
3	677A538	Arm Assembly - Idler, Drive
4	4651J	Spring - Extension, Clutch
5	6559J	Rod - Clutch, Lower
6	6560J	Bellcrank - Clutch
7	4664J	Bracket - Clutch
8	2083R	Flat Idler
9	4656J	Bracket - Support, Idler
10	677A539	Arm Assembly - Idler, Deck
11	3827J	Spring
12	3447P	Bolt - Hex 5/16 - 18 x 1 - 1/4 Full Thread
13	553P	Locknut 5/16 - 18 UNC
14	677A345	Mandrel Assembly - Outer
15	4270J	Bracket - Suspension, Front, R.H.
16	678H135	Housing Assembly
17	4674J	Runner - R.H.
18	5846R	Pushnut
19	4672J	Bracket - Deflector
20	3495J	Label - Warning, CPSC
21	678H388	Shield - Deflector
22	4789J	Decal - Caution, Discharge
23	4897J	Spring - Deflector
24	4660J	Rod - Hinge
25	4673J	Blade - 38"
26	677A846	Arm Assembly - Suspension, Outer
27	677A847	Arm Assembly - Suspension, Inner
28	4668J	Crossbar
28A	4657J	Bracket - Suspension, Rear
29	3679J	Runner - L.H.
30	6855M	Grease Fitting
31	STD503705	*Hex Forged Socket Headless Set Screw 3/8 - 16 x 1/2
32	3713J	Decal - Instruction, Caution
33	602P	Nut - Hex 3/4 - 16 UNF
34	8330H	Woodruff Key 1/4 x 1
35	678H140	Bracket Assembly - Drive, Sheave
36	4271J	Bracket - Suspension, Front, L.H.
37		+Idler Bearing
38	677A573	Sheave Assembly - Drive
39	5474J	Guard - Drive, Sheave
40	4663J	Rod - Clutch, Rear
41	7093J	Rod - Brake
42	677A895	Brake Assembly
43	4671J	Arm Clutch
44	4798J	V-Belt - Deck
45	7080J	V-Belt - Drive
46	4652J	Spring
47	677A594	Sheave - Mandrel with Set Screw
48	4661J	Spacer
49	697H	Bearing
50	7094J	Strut - Clutch Bracket
51	2505P	Cotter Pin 1/8 x 3/4
52	4898J	Bolt - Shoulder 3/8 - 16 UNC
53	1665P	Washer 13/32 x 7/8 x 5 Ga.
54	545P	Locknut 3/8 - 16 UNC
55	STD533707	*Bolt - Round Head Square Neck Carriage 3/8 - 16 x 3/4
56	STD551037	*Washer 13/32 x 13/16 x 16 Ga.
57	5639P	Screw - Hex Washer Head Thread Forming 3/8 - 16 x 3/4
58	67P	Bolt - Round Head Square Neck Carriage 5/16 - 18 x 3/4 Gr. 5
59	1654P	Washer 11/32 x 3/4 x 12 Ga.
60	73P	Bolt - Round Head Square Neck Carriage 5/16 - 18 x 5/8 Gr. 5
61	3204P	Bolt - Hex 7/16 - 14 x 3/4 Gr. 5
62	STD551143	*Lockwasher 7/16
63	STD523712	*Bolt - Hex 3/8 - 16 x 1 - 1/4
64	1637P	Washer 13/32 x 1 - 1/4 x 12 Ga.
65	6798J	Bushing - Suspension Stabilizer
66	STD551050	*Washer 17/32 x 1 - 1/16 x 13 Ga.
67	9135R	Retainer Spring
68	92P	Bolt - Round Head Square Neck Carriage 3/8 - 16 x 3 Gr. 5, Min. 2" Thread
69	STD541037	*Nut - Hex 3/8 - 16 UNC
70	STD523715	*Bolt - Hex 3/8 - 16 x 1 - 1/2
71	1666P	Washer 11/16 x 1 - 1/4 x 10 Ga.
72	605P	Locknut 5/8 - 11 UNC
73	STD523720	*Bolt - Hex 3/8 - 16 x 2
74	67P	Bolt - Round Head Square Neck Carriage 5/16 - 18 x 3/4 Gr. 5
75	1599P	Washer 11/32 x 3/4 x 16 Ga.
76	4939M	Retainer Spring
77		+Dirt Seal (Polyfoam)
78	1574P	Washer 3/8 x 7/8 x 10 Ga.
79	STD533710	*Bolt - Round Head Square Neck Carriage 3/8 - 16 x 1

*STANDARD HARDWARE--PURCHASE LOCALLY

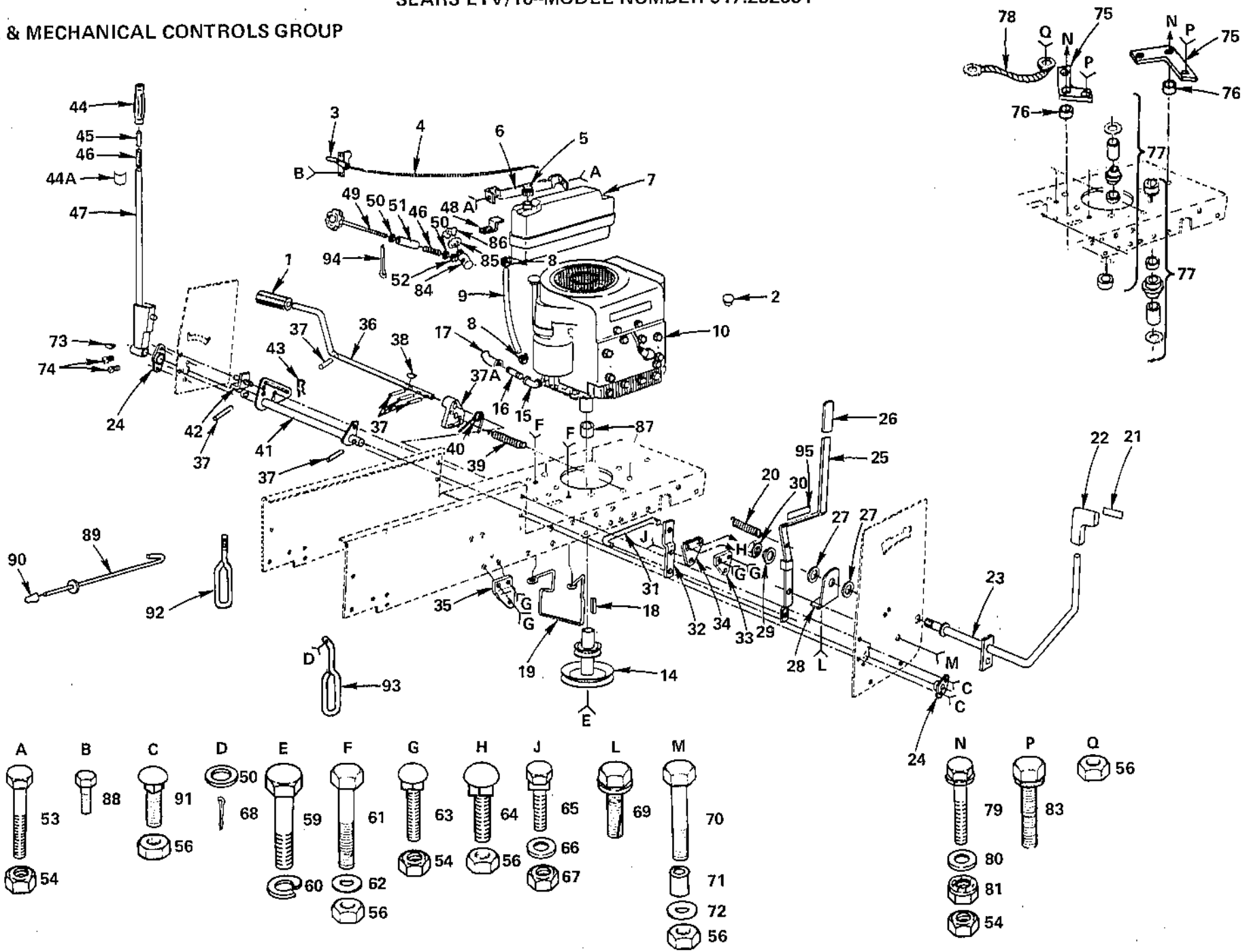
+PARTS NOT SOLD SEPARATELY - ORDER 677A595 INCLUDES 3 DIRT SEALS, 2 IDLER BEARINGS, 1 WASHER 13/32 x 1 - 1/4 x 12 GA., 1 BOLT - HEX 3/8 - 16 x 4 - 1/4 AND 1 LOCKNUT 3/8 - 16 UNC WITH INSTRUCTION SHEET.



REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

POWER & MECHANICAL CONTROLS GROUP



REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631

POWER & MECHANICAL CONTROLS GROUP

KEY NO.	PART NO.	DESCRIPTION
1	8883R	Pedal Cover
2	5479J	Plug Button
3	61159	Knob - Throttle Control
4	4878J	Control - Choke, Throttle (Inc. Key No. 3)
5	7971R	Fuel Cap
6	7155J	Support - Tank, Fuel
7	3615J	Tank - Fuel
8	6999R	Hose Clamp
9	8548R	Fuel Line
10	677A615	Engine 10 H.P. - Model No. 220707, Type No. 0140-01
14	5007J	Pulley - Engine, Varidrive
15	4012P	90° Street Elbow 3/8 NPT
16	4011P	Std. Pipe Nipple 3/8 - 18 NPT x 3 - 1/2
17	4021P	90° Elbow 3/8 NPT
18	9396E	Key - 1/4 Square x 2
19	5503J	Guard - Belt, Engine
20	5194J	Spring - Attachment Handle
21	1582J	Decal - Varidrive
22	4198J	Knob - Control, Varidrive
23	677A864	Handle Assembly - Varidrive
24	678H293	Bushing - Shaft, Lift
25	678H321	Handle Assembly - Clutch Attachment
26	4617J	Grip - Handle
27	5110J	Washer - Friction
28	4887J	Support - Handle, Varidrive
29	677A863	Nut Assembly
30	510P	Nut Hex Jam 5/8 - 18 UNF
31	4649J	Rod - Clutch, Upper
32	6558J	Arm - Clutch
33	678H129	Bracket - Clutch
34	678H131	Bracket Assembly - Hanger, Front
35	678H340	Bracket Assembly - Hanger, Rear
36	678H125	Shaft - Pedal, Foot
37	5142H	Roll Pin
37A	678H126	Arm - Brake
38	2228M	Woodruff Key
39	5521J	Spring Clutch
40	7095J	Spring - Return, Rod, Brake
41	677A845	Shaft Assembly - Lift
42	677A799	Bracket Assembly - Lift, L.H.
43	4939M	Retainer Spring
44	2895H	Grip - Handle
44A	4901J	Decal - Attachment, Lift
45	4303J	Plunger - Lever, Hand
46	2876H	Spring
47	678H268	Lever Assembly - Hand
48	4297J	Brace - Tank
49	6533J	Rod - Adjustment, Lift
50	STD551037	*Washer 13/32 x 13/16 x 16 Ga.
51	4892J	Spacer - Knob, Adjustment
52	STD541237	*Nut - Hex Jam 3/8 - 16 UNC
53	STD523107	*Bolt - Hex 5/16 - 18 x 3/4 Gr. 5
54	553P	Locknut 5/16 - 18 UNC Gr. B
56	545P	Locknut 3/8 - 16 UNC
59	3418P	Bolt - Hex 7/16 - 20 x 1 - 1/2
60	STD551143	*Lockwasher 7/16
61	STD523710	*Bolt - Hex 3/8 - 16 x 1
62	1667P	Washer 13/32 x 13/16 x 12 Ga.
63	67P	Bolt - Round Head Square Neck Carriage 5/16 - 18 x 3/4 Gr. 5
64	STD533707	*Bolt - Round Head Square Neck Carriage 3/8 - 16 x 3/4
65	55855	Bolt - Shoulder 5/16 - 24 UNF
66	STD551031	*Washer 11/32 x 11/16 x 16 Ga.
67	582P	Nut - Nylox Hex 5/16 - 24 UNF
68	2505P	Cotter Pin 1/8 x 3/4
69	5627P	Screw - Hex Washer Head Thread Forming Type TT 3/8 - 16 x 3/4
70	STD523712	*Bolt - Hex 3/8 - 16 x 1 - 1/4
71	4616J	Bushing - Handle, Clutch
72	1637P	Washer 13/32 x 1 - 1/4 x 12 Ga.
73	8330H	Woodruff Key 1/4 x 1
74	4551P	Set Screw - Hex Socket Forged Headless 3/8 - 16 x 3/8
75	1532J	Strap - Torque, Engine
76	4473J	Spacer - Strap, Torque
77	677A230	Iso-Mount Assembly
78	4260J	Strap - Ground
79	3400P	Bolt - Hex Whiz-Lock 5/16 - 18 x 1 - 1/2 Gr. 5
80	1599P	Washer 11/32 x 3/4 x 16 Ga.
81	583P	Nut - Whiz-Lock 5/16 - 18 UNC
83	5613P	Screw - Hex Washer Head Thread Forming Type TT 3/8 - 16 x 2 - 1/2
84	6519J	Trunion - Stop, Depth
85	1668P	Washer 15/32 x 3/4 x 16 Ga.
86	5024P	Klip Ring
87	6404J	Spacer 1/2 x 9/16
88	5606P	Screw Hex Washer Head Thread Cutting 1/4 - 20 x 1/2
89	677A597	Rod Assembly - Brake, Park.
90	71673	Plunger Cap
91	STD533710	*Bolt - Round Head Square Neck 3/8 - 16 x 1
92	7112J	Link - Lift, Mower, L.H.
93	4512J	Link - Lift, Mower, R.H.
94	STD560907	*Cotter Pin 3/32 x 3/4
95	4908J	Decal, Attachment, Clutch
---	6016J	Tag - Sound Rating
---	7193J	Tag - Warning
---	6745J	Owners Manual

*STANDARD HARDWARE--PURCHASE LOCALLY

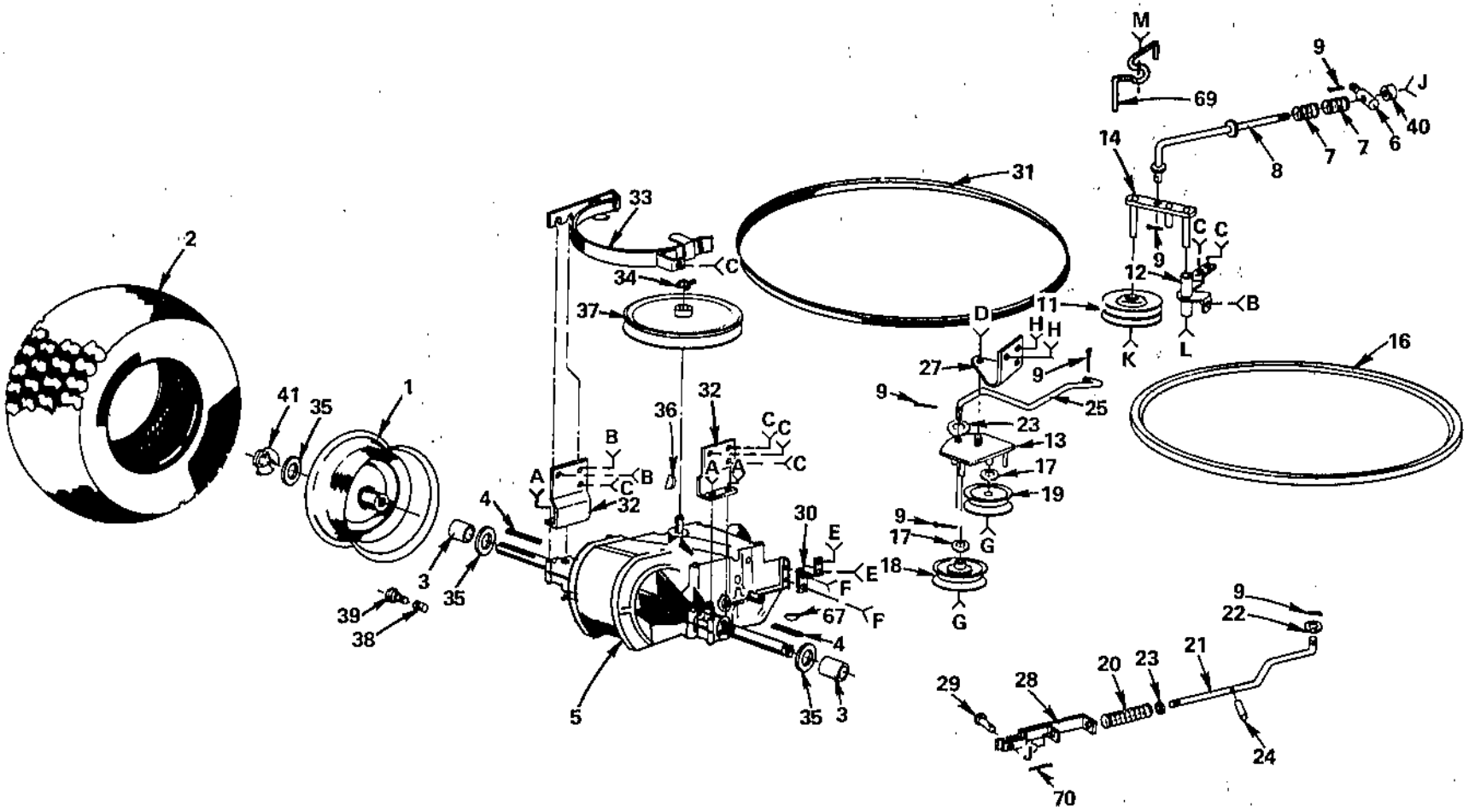
OPTIONAL EQUIPMENT

Spark Arrestor Kit 677S8

REPAIR PARTS

SEARS LTV/10-MODEL NUMBER 917.252631

TRANSMISSION AND REAR WHEEL



REPAIR PARTS

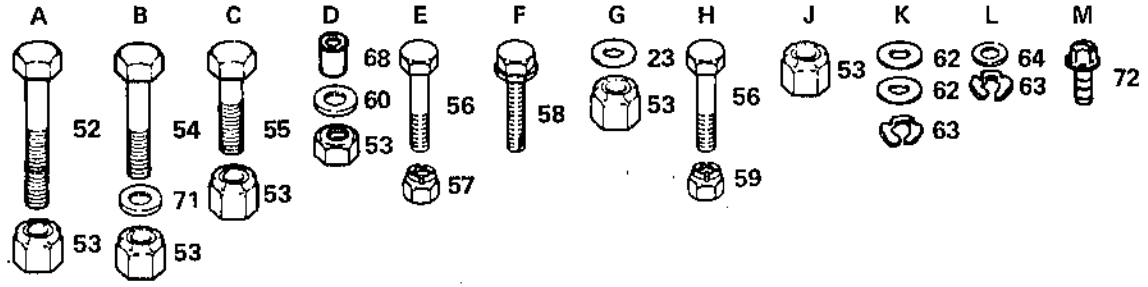
SEARS LTV/10--MODEL NUMBER 917.252631

TRANSMISSION & REAR WHEEL

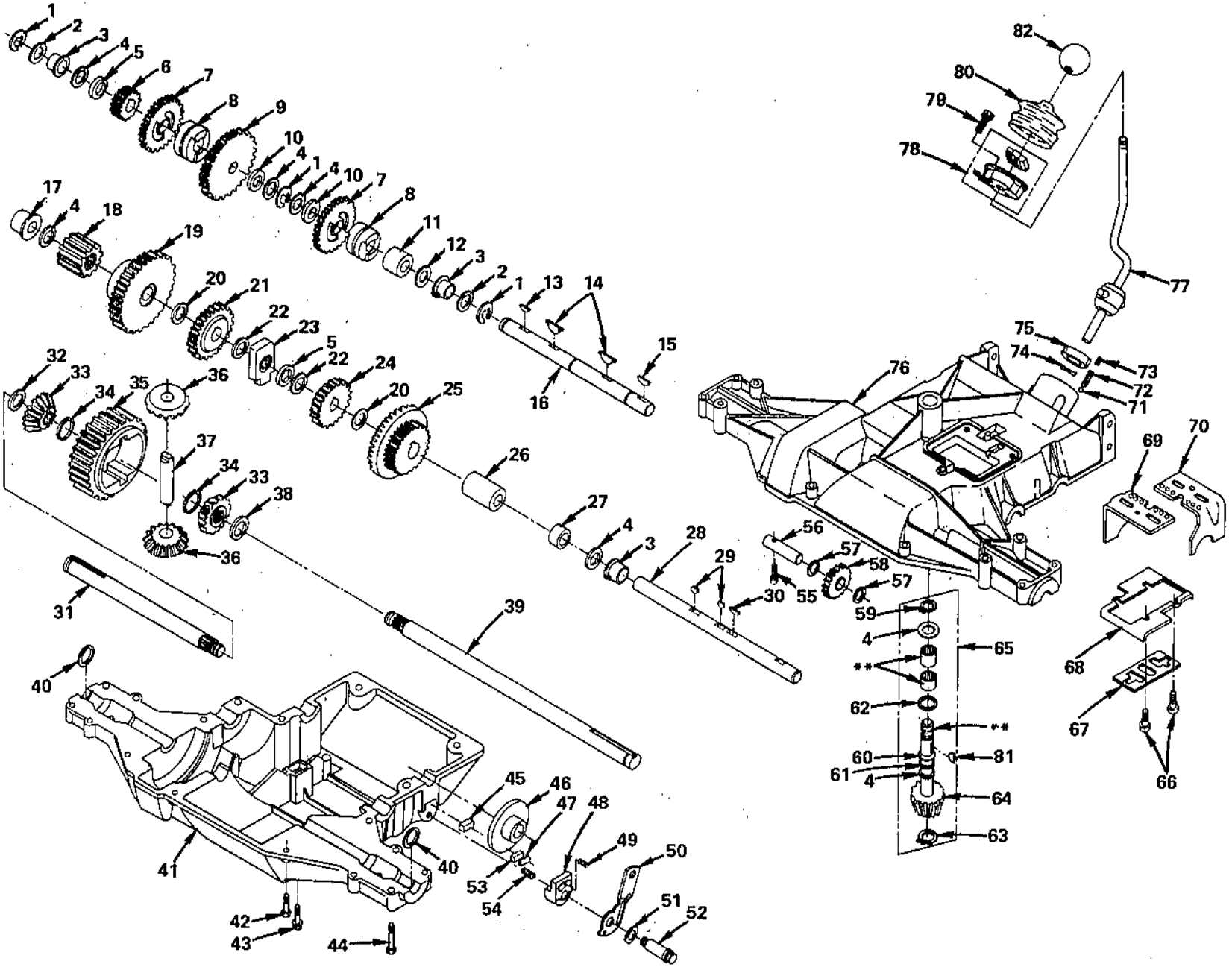
KEY NO.	PART NO.	DESCRIPTION
1	71652	Rim Assembly - 8" Rear
2	3716J	Tire - Soft Track 18 x 9.50 - 8
3	2935J	Spacer
4	2703J	Key - Square 3/16 x 2
5	6748J	Transaxle
6	5112J	Trunion
7	1784J	Spring - Compression
8	6415J	Link - Arm, Variator
9	2505P	Cotter Pin 1/8 x 3/4
11	6957J	Sheave - Variator
12	678H115	Brkt. Assembly - Support, Variator
13	677A859	Support Assembly - Idler
14	678H296	Variator Arm Assembly
6	4866J	Belt - Ground Drive Prime
17	1559P	Washer 7/16 x 1 x 10 Ga.
18	4859J	Idler - Flat
19	4860J	Idler Flat
20	6770J	Spring - Rod, Brake
21	7110J	Rod - Brake
22	1558P	Washer 13/32 x 5/8 x 16 Ga.
23	STD551037	*Washer 13/32 x 13/16 x 16 Ga.
24	1793H	Roll Pin
25	7081J	Rod - Clutch
27	678H419	Bracket - Support, Idler
28	677A842	Yoke Assembly - Brake Arm
29	6758J	Pin - Brake Lever
30	678H338	Strap - Torque
31	6753J	Belt - Ground Drive Secondary
32	678H111	Bracket - Transaxle
33	677A841	Guard Assembly - Belt
34	5038P	Retainer Ring
35	1600P	Thrust Washer (2 to 6 as required)

KEY NO.	PART NO.	DESCRIPTION
36	2228M	Woodruff Key 3/16 x 3/4
37	6752J	Pulley - Transaxle
38	59192	Cap - Valve
39	65139	Stem - Valve
40	160J	Pivot Sleeve
41	5000P	E-Ring
52	STD523727	*Bolt - Fir Hex 3/8 - 16 UNC x 2 - 3/4
53	545P	Nut - Crownlock, 3/8 - 16 UNC
54	STD523710	*Bolt - Fin. Hex 3/8 - 16 UNC x 1
55	STD523707	*Bolt - Fin. Hex 3/8 - 16 UNC x 3/4
56	STD523107	*Bolt - Fin Hex 5/16 - 18 UNC x 3/4
57	575P	Nut - Crownlock 5/16 - 18 UNC
58	5620P	Screw Hex Washer Hd. Thd. Form Type TT 5/16 UNC x 3/4
59	553P	Nut - Crownlock 5/16 - 18 UNC Gr. B
60	1574P	Washer 3/8 x 7/8 x 10 Ga.
62	206J	Hardened Washer
63	5025P	Klipring
64	1545P	Washer 17/32 x 1 x 16 Ga.
67	2257J	Woodruff Key
68	6911J	Spacer 3/8 x 5/8 x 1/4
69	6478J	Guide - Belt, Variator
70	STD560907	*Cotter Pin 3/32 x 3/4
71	1507P	Washer 13/32 x 3/4 x 16 Ga.
72	5627P	Screw - Hex Washer Hd. Thread Forming Type TT 3/8 - 16 UNC x 3/4

*STANDARD HARDWARE--PURCHASE LOCALLY



SEARS LTV/10--MODEL NUMBER 917.252631
TRANSAXLE--MODEL NO. 4010-7



REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631
TRANSAXLE--MODEL NO. 4010-7

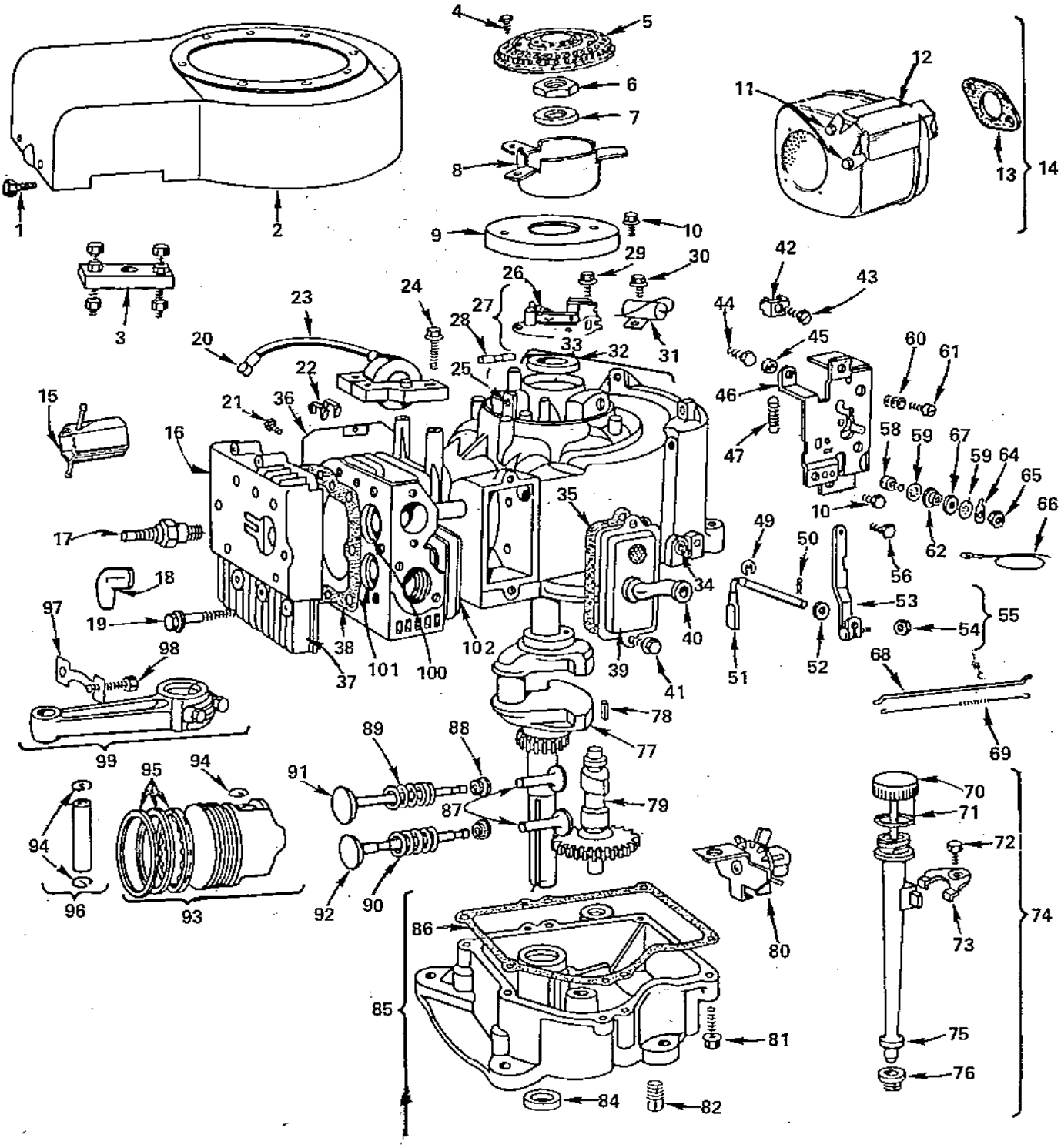
KEY NO.	PART NO.	DESCRIPTION
1	2225J	Ring, Retaining
2	2229J	Washer, Plain, 1.00 x .630 x .040
3	2234J	Bearing, Flange
4	2226J	Washer, Plain, 1.00 x .630 x .060
4	2227J	Washer, Plain, 1.00 x .630 x .050
4	2228J	Washer, Plain, 1.00 x .630 x .045
4	2229J	Washer, Plain, 1.00 x .630 x .040
4	2230J	Washer, Plain, 1.00 x .630 x .035
4	2231J	Washer, Plain, 1.00 x .630 x .031
4	2232J	Washer, Plain, 1.00 x .630 x .025
4	2233J	Washer, Plain, 1.00 x .630 x .020
4	3422J	Washer, Plain, 1.00 x .630 x .015
5	2235J	Spacer, 1.00 x .630 x .110
6	2236J	Gear, Spur, 13T
7	2237J	Gear, Spur, 25T
8	2238J	Collar, Clutch
9	4174J	Gear, Spur, 33T
10	3412J	Spacer, 1.00 x .630 x .260
11	6890J	Spacer, 1.25 x .630 x .879
12	3413J	Washer, Plain, 1.00 x .630 x .010
13	2242J	Key, Wdrf., No. 3 Alloy
14	3415J	Key, Hi-Pro, Special
15	2244J	Key, Wdrf., No. 61 Alloy
16	3414J	Shaft, Intermediate
17	2246J	Bearing, Flange
18	3416J	Assembly, Gear, 12T
19	2248J	Gear, Spur, 37T
20	2228J	Washer, Plain, 1.00 x .630 x .045
21	2249J	Gear, Spur, 25T
22	2232J	Washer, Plain, 1.00 x .630 x .025
23	2250J	Assembly, Support, Shaft
24	2251J	Gear, Spur, 17T
25	2252J	Gear, Spur, 20T & Bevel, 42T
26	2253J	Spacer, .875 x .630 x 1.375
27	6892J	Spacer, 1.00 x .630 x .549
28	2255J	Shaft, Drive
29	2256J	Key, Wdrf., No. 3 Alloy, Special
30	2257J	Key, Wdrf., No. 9 Alloy
31	3420J	Axle, L.H.
32	2263J	Washer, Plain, 1.25 x .755 x .062
32	2264J	Washer, Plain, 1.25 x .755 x .031
32	2265J	Washer, Plain, 1.25 x .755 x .040
32	3417J	Washer, Plain, 1.25 x .755 x .020
33	2266J	Gear, Miter, 15T, Splined
34	3418J	Ring, Retaining, Spirolox R
35	2268J	Gear, Spur, 32T
36	2269J	Gear, Miter, 15T
37	2270J	Shaft, Cross
38	2264J	Washer, Plain, 1.25 x .755 x .031
39	3419J	Axle, R.H.
40	2272J	Seal, Felt
41	2273J	Housing, Lower
42	2274J	Bolt, Hex Hd. S.T., 1/4 - 20 x .875
43	2275J	Screw, Machine, No. 12 - 24 x .625
44	2276J	Bolt, Hex Hd. S.T., 1/4 - 20 x 1 - 5/16
45	4175J	Puck, Friction
46	2278J	Disc, Brake
47	4169J	Spacer, (.045)
48	2279J	Assembly, Brake Jaw (Inc. Key No's. 47 & 49)
49	2281J	Screw, Set (No. 8 - 32)
50	6891J	Assembly, Lever, Actuating
51	2284J	Washer, Plain, .750 x .505 x .006
52	2285J	Bolt, Shoulder
53	4170J	Puck, Friction
54	2280J	Spring, Compression
55	2258J	Screw, Tapping, No. 10 - 24 x 1.00
56	2259J	Shaft, Idler
57	2260J	Washer, Plain, 1.00 x .505 x .020
58	2261J	Assembly, Gear, Idler
59	2267J	Ring, Retaining
60	2229J	Washer, Plain, 1.00 x .630 x .040
61	2228J	Washer, Plain, 1.00 x .630 x .045
62	3423J	O-Ring
63	2286J	Ring, Retaining
64	2287J	Pinion, Bevel, 16T
65	3331J	Assembly, Kit, Input Shaft
66	2289J	Screw, Pozi-Driv, 1/4 - 28 x 3/4
67	2290J	Plate, Lock-out
68	2291J	Plate, Fork, Support
69	2292J	Fork, Shifter, R.H.
70	2293J	Fork, Shifter
71	2294J	Ball, Detent
72	2295J	Spring, Detent
73	2296J	Screw, Set, 1/4 - 20 x 1/2
74	2019J	Washer, Wave
75	2061J	Insert, Nylon
76	2297J	Housing, Upper
77	6769J	Assembly, Lever, Shift
78	5563J	Assembly, Kit, Switch
79	2067J	Screw, Hex Hd. S.T., No. 10 - 24 x 1.00
80	2300J	Boot, Switch
81	2257J	Key, Wdrf., No. 9 Carton
82	4591J	Knob, Shift

**ORDER KEY NO. 65

REPAIR PARTS

SEARS LTV/10–MODEL NUMBER 917.252631
ENGINE–MODEL NUMBER 220707, TYPE NUMBER 0140-01

CYLINDER, CRANKSHAFT & ENGINE BASE GROUP



83	GASKET SET

REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631
ENGINE--MODEL NUMBER 220707, TYPE NUMBER 0140-01

CYLINDER, CRANKSHAFT & ENGINE BASE GROUP

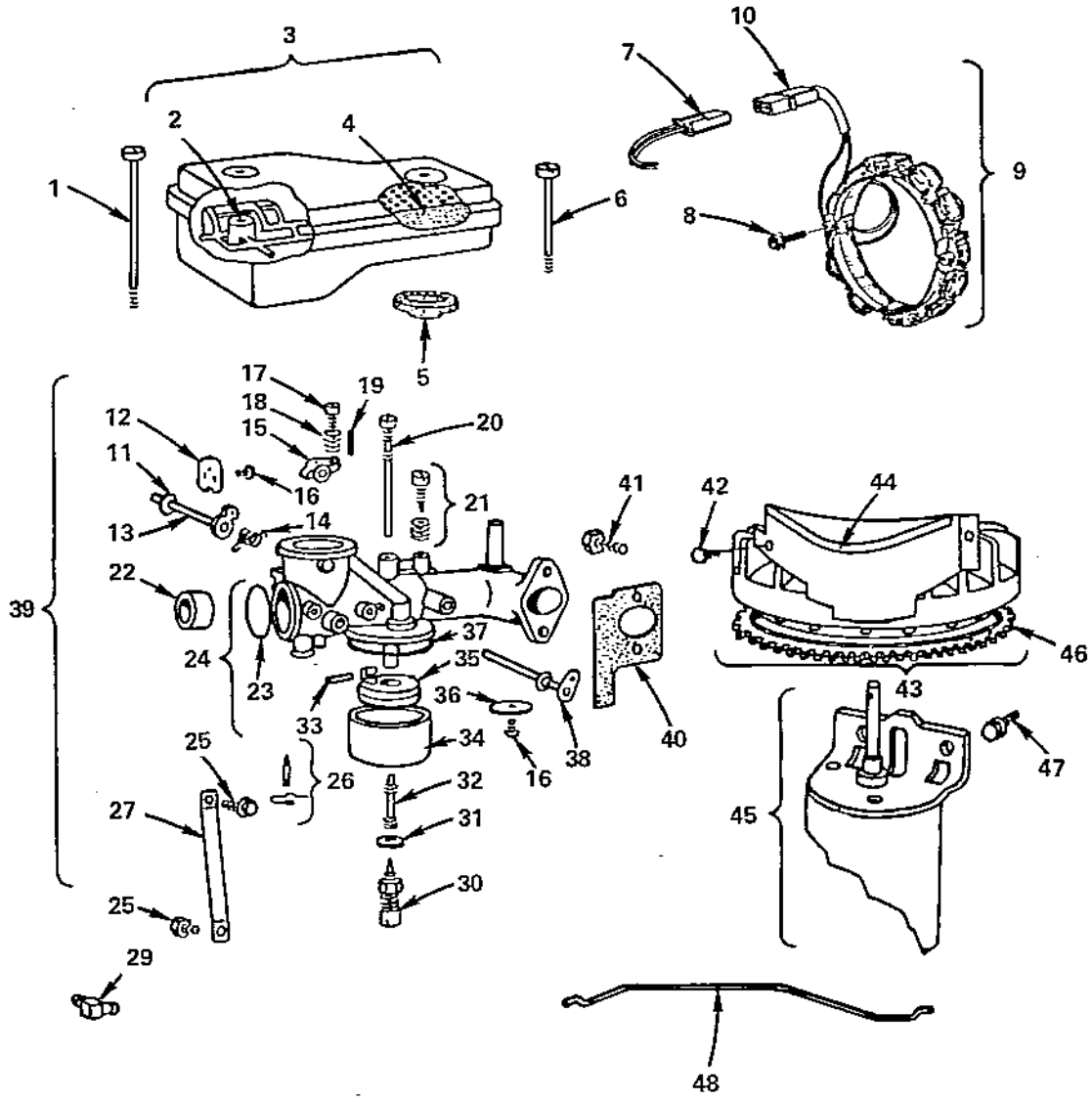
KEY NO.	PART NO.	DESCRIPTION
1	93158	Screw - Blower Hsg. Mtg.
2	391556	Housing - Blower
3	19203	Puller - Flywheel
4	93805	Screw - Sem
5	222562	Screen - Flush Rotating
6	92284	Nut - Hex
7	220865	Washer - Spring
8	222561	Cup - Screen Mounting
9	222309	Cover - Breaker Point
10	93705	Screw - Sem
11	93927	Screw - Hex Hd.
12	223023	Shield - Muffler
13	270917	Gasket - Exhaust
14	394180	Muffler - Exhaust (Inc. Key No's. 11, 12 & 13)
15	89838	Wrench - Spark Plug
16	222725	Cover - Cylinder Head
17	298809	Plug - Spark (1 - 1/2" high - 37 - 42 mm)
18	66538	Elbow - Spark Plug
19	93723	Screw - Cylinder Head
20	221798	Terminal - Ignition Cable
21	93163	Screw - Cylinder Shield Mtg. Sem
22	221907	Clip - Wire
23	298968	Armature Assy.
24	93381	Screw - Armature Mtg. Sem
25	23513	+Bushing - Plunger
26	26018	Spring - Breaker Arm
27	391284	Breaker Assy. - Ignition (Inc. Key No. 26)
28	65704	Plunger - Breaker Point
29	93226	Screw - Breaker Adjusting Sem
30	93042	Screw - Sem
31	29861	Condenser
32	391086	Seal - Oil
33	393863	Cylinder Assembly (Inc. Key No. 32)
34	231055	Bushing - Gov. Crank
35	27803	*Gasket - Valve Cover
36	222744	Shield - Cylinder
37	212366	Head - Cylinder
38	271075	*Gasket - Cylinder Head
39	391046	Breather Assy.
40	280100	Tube - Breather
41	93394	Screw - Sem
42	221535	Clamp - Casing
43	93496	Screw - Sem
44	93686	Screw - Control Brkt. Mtg.
45	231039	Spacer - Control Brkt. Mtg.
46	390662	Plate - Gov. Control
47	261306	Spring - Governor
49	93307	Retainer - E-Ring
50	93306	Cotter - Hairpin
51	231058	Crank - Governor
52	222450	Washer - Gov. Crank
53	92613	Bolt - Governor Lever
54	231082	Nut - Hex 10 - 24
55	391733	Lever Assy. - Governor (Inc. Key No. 53 & 54)
56	93572	Screw
58	91920	Screw - Terminal
59	92791	Washer - Lock - Shakeproof
60	25157	Spring - Throttle Adjustment
61	91920	Screw - Machine, Fill. Hd. 8 - 32 x 5/8"
62	66554	Collar - Insulating
64	93722	Terminal - Spade
65	90576	Nut - Hex 8 - 32
66	391602	Wire - Ground
67	66068	Washer - Insulating
68	261198	Link - Governor
69	261197	Spring - Governor Link
70	391841	Cap & Dipstick - Oil Filler
71	270920	Seal - Oil Filler Cap
72	93804	Screw - Clamp Mtg.
73	222502	Clamp - Oil Filler Tube
74	392067	Fill Group - Oil (Inc. Key No's. 70, 71, 72, 73, 75 & 76)
75	280134	Tube - Oil Filler
76	68838	Seal - Filler Tube
77	261187	Crankshaft
78	61760	Key - Flywheel
79	212296	Gear - Cam
80	391764	Oil Slinger, Gov. Gear & Bracket
81	93585	Screw - Sump Mtg. Sem
82	91084	Plug - Oil Drain
83	393411	Gasket Set
84	291675	Seal - Oil
85	391784	Sump - Oil (Inc. Key No. 84 & 86)
86	270808	Gasket - Crankcase Cover - 1/64" thick
86	270915	Gasket - Crankcase Cover - .005" thick
86	270916	Gasket - Crankcase Cover - .009" thick
87	261183	Tappet - Valve
88	221596	Retainer - Intake Valve
89	65906	Spring - Intake Valve
90	26828	Spring - Exhaust Valve
91	261462	Valve - Intake
92	261503	Valve - Exhaust
93	391285	Piston Assy. - Std.(Inc. Key No's. 94 & 95)
93	391287	Piston Assy. - .010" O.S.
93	391288	Piston Assy. - .020" O.S.
93	391289	Piston Assy. - .030" O.S.
94	260924	Lock - Piston Pin
95	391780	Ring Set - Piston - Std.
95	391781	Ring Set - Piston - .010" O.S.
95	391782	Ring Set - Piston - .020" O.S.
95	391783	Ring Set - Piston - .030" O.S.
96	299691	Pin Assy. - Piston Std. (Inc. Key No. 27)
96	391286	Pin Assy. - Piston Std. - .005" O.S.
97	222299	Lock - Conn. Rod Screw
98	92909	Screw - Conn. Rod
99	393860	Rod Assy. - Connecting (Inc. Key No's 97 & 98)
100	261463	+Seat - Intake Valve
101	211661	+Seat - Exhaust Valve
102	231218	+Guide - Exhaust Valve

*Included in Gasket Set Part No. 393411
+Special Tools Required To Install

REPAIR PARTS

SEARS LTV/10--MODEL NUMBER 917.252631
ENGINE--MODEL NUMBER 220707, TYPE NUMBER 0140-01

AIR CLEANER & CARBURETOR



REPAIR PARTS

SEARS LTV/10–MODEL NUMBER 917.252631
ENGINE–MODEL NUMBER 220707, TYPE NUMBER 0140-01

AIR CLEANER & CARBURETOR

KEY NO.	PART NO.	DESCRIPTION
1	93323	Screw - Air Cleaner
2	280118	Support - Air Cleaner Element
3	391786	Cleaner Assy. - Air (Inc. Key No's. 2 & 4)
4	270843	Element - Air Cleaner
5	270853	Gasket - Air Cleaner
6	93622	Screw - Air Cleaner
7	393362	Alternator Harness Assy. (Dual Circuit)
8	93621	Screw - Sem
9	393474	Stator - Alternator (Dual Circuit) (Inc. Key No. 10)
10	393456	Diode & Connector Assy.
11	270382	Washer - Choke Shaft
12	222010	Valve Choke
13	390684	Shaft & Lever - Choke
14	261116	Spring - Choke Return
15	211712	Stop - Throttle
16	93499	Screw - Throttle & Choke Valve Mtg. Sem
17	91920	Screw - Machine, Fill. Hd. 8 - 32 x 5/8
18	26157	Spring - Throttle Adjustment
19	93043	Pin - Throttle Stop
20	299740	+Nozzle - Carburetor
21	292681	+Valve Assembly - Carburetor Idle
22	211960	Venturi - Carburetor
23	221997	+Plug - Welch
24	391787	Body Assembly Carburetor (Inc. Key No. 23)
25	93572	Screw
26	299096	+Valve - Fuel Inlet
27	222311	Bracket - Carburetor
29	67218	Connector - Fuel Pipe
30	391233	+Valve - Needle
31	222014	+Washer - Float Bowl
32	230932	+Screw - Nozzle
33	230896	+Pin - Float Hinge
34	221995	Bowl - Float
35	299707	Float - Carburetor
36	222433	Valve - Throttle
37	270511	+Gasket - Float Bowl
38	391512	Shaft & Lever - Throttle
39	391788	Carburetor Assy. (Choke - A - Matic) (Inc. Key No's. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 32, 33, 34, 35, 36, 37 & 38)
40	270872	*Gasket - Carburetor Mounting
41	93357	Screw - Carburetor Mounting
42	93410	Screw - Sem
43	391988	Flywheel & Ring Gear Assy. - Magneto (Inc. Key No. 46)
44	391629	Cover & Shield - Starter
45	392749	Motor - Starting
46	392134	Gear - Ring
47	93523	Screw - Sem
48	261274	Link - Choke
—	299852	Carburetor Overhaul Kit

+Included in Carburetor Overhaul Kit Part No. 299852
*Included in Gasket Set Part No. 393411

Sears

OWNERS MANUAL

MODEL NO. 917.252631

HOW TO ORDER REPAIR PARTS

LTV 10 VARIDRIVE LAWN TRACTOR

The Model Number will be found on a plate attached to the Drawbar. Always mention the Model Number when requesting service or repair parts for your Riding Lawn Tractor.

All parts listed herein may be ordered from any Sears Service Center and most Sears stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION.

- THE PART NUMBER
- THE PART DESCRIPTION
- THE MODEL NUMBER
- THE NAME OF MERCHANDISE

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for "expedited handling"

Sears, Roebuck and Co., Chicago, Ill. 60684, U.S.A.